

**STATE OF NEW YORK  
DEPARTMENT OF CONSERVATION  
WATER POWER AND CONTROL COMMISSION**

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**RECORD OF WELLS  
IN  
NASSAU COUNTY, N. Y.  
SUPPLEMENT 2**

In addition to those published in  
U. S. GEOLOGICAL SURVEY PROFESSIONAL PAPER 44  
and  
WATER POWER AND CONTROL COMMISSION BULLETINS  
GW-5 (1938) and GW-10 (1946)

**PREPARED BY THE STAFF OF THE LONG ISLAND  
OFFICE OF THE WATER POWER AND CONTROL COMMISSION**



**BULLETIN GW-39**

**ALBANY  
1958**



**STATE OF NEW YORK**  
**DEPARTMENT OF CONSERVATION**  
**WATER POWER AND CONTROL COMMISSION**

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## RECORD OF WELL LOGS IN NASSAU COUNTY

In 1906 the United States Geological Survey professional paper No. 44 (Underground Water Resources of Long Island, New York) by A. C. Veatch, C. S. Slichter, Isaiah Bowman, W. Crosby and R. E. Horton was published. This constituted the first descriptive report and publication of the logs of wells drilled or recorded on Long Island and 44 of the 900 wells listed are located in Nassau county.

In 1938 New York State Water Power and Control Commission Ground Water Bulletin No. 5 "Record of Wells, Nassau County" was published which supplied similar data on 207 additional wells.

New York State Water Power and Control Commission Ground Water Bulletin No. 10 "Record of Wells in Nassau County" published in 1946 added the logs of 213 wells to the published records. This bulletin and the two previous publications listed above gave consideration to all wells of record in Nassau county up to well number N-2132.

The well numbering system used in these Ground Water Bulletins is in general used by drillers, engineers and others on Long Island and was originated by the Water Power and Control Commission. Each well has been assigned a separate number that carries the first letter of the County name N-5136, N-5962, etc. In general the numbers have been assigned in each county in the order in which the records were filed, and the numbers therefore have no geographic significance.

The files of the Commission as of January 1, 1957, the closing date of this report, contained records of 6,100 wells put down in Nassau county. The present report starts where Ground Water Bulletin No. 10 ended and contains the logs of 676 wells so that the number of logs of wells located in Nassau county which have been published (total of three previous publications and this bulletin) totals 1140.

As there are records in the Commission's office of 6100 wells in Nassau county, although only 1140 logs of those wells have been published, there appears to be a considerable amount of information which has not been made available. Actually, all data of importance existing on the records of all of the recorded wells has been published. In compiling this report records have not been used which concern shallow well points or which are otherwise so incomplete that no information is recorded that would be helpful to the geologist, well driller or other persons seeking data. A further elimination has been made by selecting the one most informative record where a number of wells are located in a small area.

The location of the wells whose logs are given in this report are shown on Plate No. 1 at the end of the report. To aid the reader in finding a well location, the map is divided into rectangles which at the margins are lettered B, C, D and E from bottom to top, and numbered 4, 5, 6, 7 and 8 from left to right. These co-ordinates are given in the heading of each well log (following the well number). These logs are generally based on information given by completion reports for the wells filed by the well drillers and the locations of the wells were also obtained from these reports.

All measurements are from land surfaces unless otherwise noted.

Copies of this and other Ground Water Bulletins of the Water Power and Control Commission may be consulted at the office of the Commission in either Albany or Jamaica, at most of the libraries on Long Island and metropolitan New York. A list of these reports is given at the end of this bulletin.

N-2134. (C-5) Alarie Realty Corp. (Wedemeyer Bldg.), Jericho Turnpike and Denton Avenue, New Hyde Park. Drilled by C. W. Lauman & Co., Inc., August 2, 1946.

Log:	Thickness (feet)	Depth (feet)
Fine brown sand and gravel .....	6	6
Medium coarse brown sand, grits, gravel .....	29	35
Coarse brown sand, grits .....	11	46
Medium brown sand .....	14	60
Coarse brown sand, grits and gravel .....	13	73
Medium brown sand, large stones .....		below 73
Casing: 6 inches.		
Screen: 7 feet of 6 inch with bottom at 74 feet.		
Static water level: .....	38½	feet
Yield: .....	69	gpm

N-2135. (E-6) Sherman Pratt, Horse Hollow Road and Sheep Lane, Locust Valley. Drilled by E. K. Hutchinson and Son, August 14, 1946.

Log shows 80 feet of clay, sand and gravel with several boulders.

Casing: 8 inches.

Screen: 6 feet of 8 inch with bottom at 80 feet.

Pumping test:

July 20, 1946. Duration: ..... 6 hours  
Static water level: ..... 60 feet  
Drawdown: ..... 20 feet  
Yield: ..... 200 gpm

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N-2172. (B-5) Harry Schwartz, East Rockaway Road and Paine Road, East Rockaway. Drilled by Sweeney & Gray Co., Inc., January 6, 1947.

Log shows 20 feet of coarse sand.

Casing: 6 inches.

Screen: 10 feet of 6 inch with bottom at 20 feet.

Pumping test:

January 6, 1947. Duration: ..... 4 hours  
Static water level: ..... 4 feet  
Drawdown: ..... 11 feet  
Yield: ..... 69 gpm

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N-2180. (D-6) R. Keiserwetter, Searington Road and I. U. Willets Road, Albertson. Drilled by Fred Habenicht & Sons, February 21, 1947.

Log:	Thickness (feet)	Depth (feet)
Pit .....	8	8
Sand, clay .....	21	29
Dirty brown sand .....	32	61
Brown hard clay (dry) .....	35	96
Sand and gravel .....	35	131

Casing: 6 inches.

Screen: 7 feet of 6 inch with bottom at 131 feet.

Pumping test:

August 1, 1946. Duration: ..... 7 hours  
Static water level: ..... 53 feet  
Drawdown: ..... 3 feet  
Yield: ..... 20 gpm

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N-2186. (C-7) George Butterwick, Bellmore Road and Janet Avenue, North Bellmore. Drilled by C. W. Lauman & Co., Inc., September 27, 1946.

Log shows 34 feet of sand and gravel.

All measurements taken from bottom of 6 foot pit.

Casing: 4 inches.

Screen: 6 feet of 4 inch with bottom at 34 feet.

Static water level: ..... 7 feet  
Yield: ..... 50 gpm

N-2188. (C-7) Henry Botsch, Barnum Avenue and Front Street, East Meadow. Drilled by C. W. Lauman & Co., Inc., August 17, 1946.

Log:	Thickness (feet)	Depth (feet)
Top soil .....	2	2
Sand and gravel .....	6	8
Sand and grit .....	2	10
Sand and coarse gravel .....	18	28
Grit .....	1	29
Sand and grit .....	5	34
Sand and coarse gravel .....	4	38

Casing: 4 inches.

Screen: 11 feet of 4 inch with bottom at 38 feet.

Static water level: ..... 15 feet

Yield: ..... 300 gpm

N-2192. (E-8) H. Horst, Cove Neck, Oyster Bay. Drilled by Long Island Water Supply Co., Inc., September 9, 1946.

Log:	Thickness (feet)	Depth (feet)
Top soil and loam .....	3	3
Sand and gravel .....	15	18
Sandy clay .....	105	123
Sand and gravel (clean) .....	15	138

Casing: 8 inches.

Screen: 11 feet of 8 inch with bottom at 138 feet.

Pumping test:

September 7, 1946. Duration: ..... 4 hours

Static water level: ..... 12 feet

Drawdown: ..... 11 feet

Yield: ..... 25 gpm

N-2203. (B-5) William G. Feger, Richmond Avenue and Harbor Road, Meyer Harbor. Drilled by C. W. Lauman & Co., Inc., December 9, 1946.

Log:	Thickness (feet)	Depth (feet)
Brown sand and grit .....	35	35
Beach sand .....	15	50
Brown sand and grit .....	25	75
Dark gray clay .....	37	112
Black sand .....	8	120
Hard dark gray clay .....	27	147
Brown sand and grit .....	16	163
Gray sand .....	19	182

Casing: 2½ inches.

Screen: 5 feet of 2 inch with bottom at 164 feet.

Static water level: ..... 2 feet

Yield: ..... 520 gpm

N-2214. (D-4) Citizens Water-Supply Company of Newtown, Potters Lane and Steamboat Road, Great Neck. Drilled by Layne-New York Co., Inc.

Log:	Thickness (feet)	Depth (feet)
Top soil .....	2	2
Hard sand and clay .....	8	10
Sand, gravel and boulders .....	17	27
Boulders and sand .....	10	37
Sandy clay .....	31	68
Tough clay .....	26	94
Clay and boulders .....	4	98
Tough clay .....	122	220
Coarse sand, fine gravel and fine sand .....	70	290
Streaks of clay and sand .....	50	340
Hard clay .....	3	343

Casing: 26, 20 and 12 inches.

Screen: 50 feet of 12 inch with bottom at 286 feet.

Pumping test:

January 20, 1947. Duration: ..... 8 hours  
 Static water level: ..... 43 feet  
 Drawdown: ..... 76 feet  
 Yield: .....1065 gpm

N-2215. (B-7) Fourtown Realty Corporation (Freeport Theatre), Sunrise Highway and Henry Street, Freeport. Drilled by Sweeney & Gray Co., Inc., March 18, 1947.

Log:	Thickness (feet)	Depth (feet)
Fill .....	5	5
Coarse dry sand .....	5	10
Coarse sand and gravel .....	37	47

Casing: 12 inches.

Screen: 21 feet of 12 inch with bottom at 47 feet.

Pumping test:

March 17, 1947. Duration: ..... 8 hours  
 Static water level: ..... 10 feet  
 Drawdown: ..... 25 feet  
 Yield: ..... 400 gpm

N-2216. (B-6) Wayne Realty Corporation, (Baldwin Theatre), Merrick Road and Park Avenue, Baldwin. Drilled by Sweeney & Gray Co., Inc., April 24, 1947.

Log shows 29 feet of sand and gravel.

Casing: 10 inches.

Screen: 21 feet of 10 inch with bottom at 29 feet.

Pumping test:

April 24, 1947. Duration: ..... 8 hours  
 Static water level: ..... 10 feet  
 Drawdown: ..... 15 feet  
 Yield: ..... 300 gpm

N-2219. (D-5) Paerdegat Amusement Corporation, (Alan Theatre), 1614 Hillside Avenue, New Hyde Park. Drilled by Sweeney & Gray Co., Inc., November 30, 1946.

Log shows 95 feet of coarse sand and gravel.

Casing: 8 inches.

Screen: 21 feet of 8 inch with bottom at 95 feet.

Pumping test:

November 26, 1947. Duration: ..... 8 hours  
Static water level: ..... 45 feet  
Drawdown: ..... 20 feet  
Yield: ..... 250 gpm

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N-2225. (B-8) Michael J. Stanton, East Shore Drive, Nassau Shores, Massapequa. Drilled by C. W. Lauman & Co., Inc., January 9, 1947.

Log:	Thickness (feet)	Depth (feet)
Fill .....	3	3
Swamp muck .....	7	10
Medium fine sand and stones .....	22	32
Beach sand .....	22	54
Fine sand and clay .....	10	64
Dirty sand, clam shells .....	11	75
Dark gray clay, little sand .....	19	94
Soupy sand, clay and hardpan .....	12	106
Very fine soupy sand .....	29	135
Hardpan clay and wood .....	1	136
Fine sand .....	29	165
Medium coarse gray sand .....	8	173

Note: Log begins 3 feet below surface.

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 170 feet.

\*Static water level: ..... 3 to 6 feet  
Yield: ..... 60 gpm

\*Water level varies with tide.

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N-2226. (C-7) The Perfectoloid Company, Swenson Place and Newbridge Road, Bellmore. Drilled by Stanley Molinari, September 17, 1947.

Log:	Thickness (feet)	Depth (feet)
Top soil .....	2	2
Loam .....	3	5
Sand and gravel .....	14	19
Coarse sand and gravel .....	21	40

Casing: 6 inches.

Screen: 16 feet of 6 inch with bottom at 40 feet.

Pumping test:

September 27, 1947. Duration: ..... 1 hour  
Static water level: ..... 10 feet  
Drawdown: ..... 12 feet  
Yield: ..... 240 gpm

N-2227. (C-5) Hunter Douglas Corporation, Nassau Terminal Road, New Hyde Park.  
 Drilled by C. W. Lauman & Co., Inc., March 22, 1947.

Log:	Thickness (feet)	Depth (feet)
Loam .....	2	2
Medium coarse sand .....	3	5
Medium coarse sand and gravel .....	71	76
Casing: 8 inches.		
Screen: 11 feet of 6 inch with bottom at 76 feet.		
Pumping test:		
June 2, 1947. Static water level: .....		28 feet
Drawdown: .....		7 feet
Yield: .....		216 gpm

N-2230. (C-6) Arnold Brillhart Ltd., Old Country Road and Guinea Woods Road, Mineola.  
 Drilled by C. W. Lauman & Co., Inc., February 26, 1947.

Log:	Thickness (feet)	Depth (feet)
Fill .....	8	8
Sand and gravel .....	32	40
Sand, few gravel .....	45	85
Casing: 8 inches.		
Screen: 15 feet of 6 inch with bottom at 85 feet.		
	Static water level: .....	37 feet
	Yield: .....	200 gpm

N-2239. (C-6) West Hempstead-Hempstead Gardens Water District, Birch Street and  
 Railroad Avenue, West Hempstead. Drilled by Layne-New York Co., Inc., March 18, 1947.

Log:	Thickness (feet)	Depth (feet)
Coarse sand and gravel .....	30	30
Light brown sand .....	22	52
Coarse brown sand and gravel .....	22	74
Sand and streaks of clay .....	31	105
Medium gray sand and gravel .....	37	142
Coarse sand and gravel .....	38	180
Sandy clay .....	6	186
Casing: 30, 24 and 16 inches.		
Screen: 40 feet of 16 inch with bottom at 148 feet.		
Pumping test:		
March 18, 1947. Duration: .....		8 hours
Static water level: .....		26 feet
Drawdown: .....		17 feet
Yield: .....		1012 gpm

N-2240. (C-8) Michael Catapano, Hicksville Road and South Oyster Bay Road, Hicksville.  
 Drilled by C. W. Lauman & Co., Inc., February 27, 1947.

Log:	Thickness (feet)	Depth (feet)
Top soil, loam .....	4	4
Coarse brown sand, grit and gravel .....	37	41
Medium coarse brown sand, grit and gravel (dirty) .....	29	70
Coarse brown sand, grit and gravel .....	19	89

N-2240. (Continued).

Casing: 10 inches.

Screen: 16 feet of 8 inch with bottom at 89 feet.

Pumping test:

May 19, 1947. Static water level: ..... 42 feet  
Yield: ..... 340 gpm

N-2241. (E-7) George F. Baker, Jr., Centre Island. Drilled by E. K. Hutchinson and Son, October 1, 1947.

Log:	Thickness (feet)	Depth (feet)
Sand and clay .....	129	129
Gravel (salt water) .....	10	139
Solid clay .....	220	359
Sand and gravel .....	25	384

Casing: 8 inches.

Screen: 12 feet of 8 inch with bottom at 376 feet.

Pumping test:

October 1, 1947. Duration: ..... 4 hours  
Static water level: ..... +6 feet (flowing)  
Drawdown: ..... 16 feet  
Yield: ..... 400 gpm

N-2259. (C-5) Franklin Square National Bank, Hempstead Turnpike and James Street, Franklin Square. Drilled by Eastern Well & Pump Co., May 12, 1947.

Log:	Thickness (feet)	Depth (feet)
Coarse clean sharp sand and gravel .....	63	63
Medium coarse sand and grit .....	3	66

Casing: 8 inches.

Screen: 20 feet of 6 inch with bottom at 66 feet.

Pumping test:

May 12, 1947. Duration: ..... 3 hours  
Static water level: ..... 16 feet  
Drawdown: ..... 15 feet  
Yield: ..... 300 gpm

N-2260. (C-5) Miller Brothers, Nassau Boulevard and Dogwood Avenue, Hempstead. Drilled by Eastern Well & Pump Co., March 12, 1947.

Log:	Thickness (feet)	Depth (feet)
Top soil .....	1	1
Sandy clay .....	2	3
Coarse brown sand and gravel .....	58	61

Casing: 6 inches.

Screen: 21 feet of 6 inch with bottom at 62 feet.

Static water level: ..... 16 feet  
Yield: ..... 300 gpm

N-2306. (E-7) Mrs. Florence E. Dickerman Estate, Mill Hill Road, Mill Neck. Drilled by Layne-New York Co., Inc., January 15, 1932.

Log:	Thickness (feet)	Depth (feet)
Black loam .....	4	4
White sand and gravel .....	11	15
Red sand and gravel .....	4	19
Yellow sand and gravel .....	28	47
Gravel .....	6	53
Yellow clay .....	4	57
Gravel .....	5	62
Brown sand and gravel .....	28	90
Fine brown sand and gravel .....	6	96
Gravel and sand .....	4	100
Fine brown sand and small gravel .....	21	121
Coarse sand and gravel .....	6	127
Coarse gravel and clay .....	6	133
Coarse brown sand and gravel .....	9	142
Fine sand and gravel .....	12	154
Coarse brown sand and gravel .....	26	180
Hard packed white sand .....	14	194
Red clay .....	2	196

Casing: 12 and 8 inches.

Screen: 26 feet of 8 inch with bottom at 166 feet.

Pumping test:

January 15, 1932.	Duration: .....	8 hours
	Static water level: .....	2 feet
	Drawdown: .....	7 feet
	Yield: .....	222 gpm

N-2358. (B-5) C. E. Kahr Estate, Cedar Avenue and Meadowview Avenue, Hewlett. Drilled by C. W. Lauman & Co., Inc., May 6, 1947.

Log:	Thickness (feet)	Depth (feet)
Top soil .....	1	1
Heavy gravel .....	5	6
Fine white sand .....	6	12
Coarse brown sand and small gravel .....	20	32
Gray sandy clay .....	14	46
Solid gray clay .....	7	53
Fine beach sand .....	7	60
Coarse brown sand and grits .....	10	70

Casing: 4 inches.

Screen: 6 feet of 4 inch with bottom at 70 feet.

Static water level: .....	13 feet
Yield: .....	50 gpm

N-2360. (C-5) H. C. Bohack Co., Inc., Elmont Road and Linden Boulevard, Elmont. Drilled by Sweeney & Gray Co., Inc., May 2, 1947.

Log shows 49 feet of sand and gravel which is measured from cellar floor 7 feet below surface.

Casing: 8 inches.

Screen: 11 feet of 8 inch with bottom at 49 feet.



N-2360. (Continued)

Pumping test:

May 2, 1947. Duration: ..... 8 hours  
Static water level: ..... 11 feet  
Drawdown: ..... 19 feet  
Yield: ..... 69 gpm

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N-2399. (C-6) Calderone-Mineola Theatre Corporation, Mineola Boulevard and First Street, Mineola. Drilled by S. J. Breen Co., Inc., July 23, 1947.

Log:	Thickness (feet)	Depth (feet)
Excavated (basement) .....	7	7
Sand and stones .....	23	30
Coarse sand stones and gravel.....	30	60
Sand and gravel .....	20	80

Casing: 8 inches.

Screen: 20 feet of 8 inch with bottom at 80 feet.

Pumping test:

July 23, 1947. Duration: ..... 4 hours  
Static water level: ..... 37 feet  
Drawdown: ..... 13 feet  
Yield: ..... 360 gpm

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N-2400. (D-6) Roslyn Water District, Locust Lane and Old Westbury Road, Roslyn. Drilled by Layne-New York Co., Inc., July 7, 1947.

Log:	Thickness (feet)	Depth (feet)
Sand and boulders .....	33	33
Sand, gravel and boulders .....	67	100
Sand and streaks of clay .....	59	159
Sandy clay .....	62	221
Sand and clay streaks .....	53	274
Tough clay .....	10	284
Gray sand and some clay .....	50	334
Sandy clay .....	10	344
Gray sand and hard streaks .....	24	368
Tough clay .....	20	388
Coarse sand and gravel .....	56	444
Gravel and clay .....	33	477
Tough clay .....	12	489

Casing: 38, 18 and 10 inches.

Screen: 40 feet of 10 inch with bottom at 439 feet.

Pumping test:

July 14, 1947. Duration: ..... 10 hours  
Static water level: ..... 94 feet  
Drawdown: ..... 19 feet  
Yield: ..... 1029 gpm

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N-2401. (E-7) Miss Alice D. Weekes, East Main Street, Oyster Bay. Drilled by Watson & Hazel, September 26, 1947.

Log:	Thickness (feet)	Depth (feet)
Top soil .....	3	3
Sand and gravel .....	44	47

(Continued on next page)

N-2401. (Continued)	Thickness (feet)	Depth (feet)
Dirty brown fine sand .....	34	81
Fine brown clay .....	8	89
Clay and sand .....	10	99
Very coarse sand and some gravel .....	22	121
Casing: 6 inches.		
Screen: 10 feet of 6 inch with bottom at 119 feet.		
Pumping test:		
Static Water Level: .....	well flows	
Yield: .....	25 gpm	

N-2409. (E-8) State of New York—Conservation Department, Cold Spring Harbor Fish Hatchery, Cold Spring Harbor. Drilled by Long Island Water Supply Co., Inc., September 10, 1947.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel .....	30	30
Brown sand and gravel .....	10	40
Fine brown sand .....	12	52
Fine brown sand, some clay .....	11	63
Fine brown sand and gravel .....	7	70
Brown sand and gravel .....	10	80
Fine sand and gravel .....	8	88
Light brown sand .....	2	90
Fine brown sand (dirty) .....	3	93
Casing: 10 inches.		
Screen: 20 feet of 10 inch, with bottom at 86 feet.		
Pumping test:		
September 10, 1947. Duration: .....	24 hours	
Static water level: .....	well flows	
Drawdown: .....	22 feet	
Yield: .....	400 gpm	

N-2411. (B-6) Baldwin Boat Basin, Millburn Creek and Atlantic Avenue, Baldwin. Drilled by Eastern Well & Pump Co., July 12, 1947.

Log:	Thickness (feet)	Depth (feet)
Sand and fill .....	1	1
Hard brown clay .....	2	3
Stinky bog .....	10	13
White sand and gravel .....	11	24
Very fine gray sand .....	13	37
Fine gray sand, grits and gravel .....	7	44
Coarse grits, gravel and little sand .....	2	46
Fine white sand .....	2	48
Dark gray clay .....	2	50
Dirty gray sand, grits and few gravel .....	5	55
Hard black clay .....	4	59
Fine dirty gray sand .....	14	73
Dirty white sand .....	3	76
Medium coarse sand, grits .....	7	83
Medium fine white sand .....	2	85

N-2411. (Continued)

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 85 feet.

Pumping test:

July 14, 1947. Duration: ..... 1 day  
 Static water level: ..... flows  
 Drawdown: ..... 8 feet  
 Yield: ..... 15 gpm

N-2413. (C-5) Jamaica Water Supply Company, Miriam Parkway and Lenox Street, Elmont. Drilled by Layne-New York Co., Inc., January 19, 1949.

Log:	Thickness (feet)	Depth (feet)
Sand .....	31	31
Brown sand and gravel .....	61	92
Tough blue clay .....	6	98
Sandy clay and wood .....	20	118
Black clay and sand .....	22	140
Tough clay .....	48	188
Clay and sand .....	39	227
Fine sand .....	6	233
Sandy clay and wood .....	45	278
Sandy clay .....	16	294
Sand and wood .....	19	313
Tough clay .....	3	316
Medium gray sand .....	9	325
Coarse sand and gravel .....	54	379
Sand and clay .....	21	400
Fine sand and wood .....	13	413
Tough clay .....	13	426
Medium coarse, gray sand .....	44	470
Tough clay .....	3	473
Coarse sand and gravel .....	35	508
Tough clay below 508 feet .....		

Casing: 26, 18 and 10 inches.

Screen: 30 feet of 10 inch with bottom at 508 feet.

Pumping test:

January 19, 1949. Duration: ..... 3 hours  
 Static water level: ..... 26 feet  
 Drawdown: ..... 140 feet  
 Yield: ..... 975 gpm

N-2416. (E-7) Faris Russell, Mill Neck Road and Brookville Road, Mill Neck. Drilled by C. W. Lauman & Co., Inc., August 13, 1947.

Log:	Thickness (feet)	Depth (feet)
Loam and large stones .....	4	4
Brown sandy clay and large boulders .....	24	28
Brown sandy clay and mica .....	30	58
Medium brown sand and mica (dirty) .....	8	66
Coarse brown sand and mica, lumps of brown clay .....	7	73
Coarse brown sand and mica .....	13	86
Coarse brown sand and heavy gravel .....	5	91
Coarse brown sand, gravel and lumps of brown and white clay below 91 feet .....		

(Continued on next page)

N-2416. (Continued)

Casing: 8 inches.

Screen: 11 feet of 8 inch with bottom at 90 feet.

Pumping test:

August 12, 1947. Static water level: ..... flows  
 Drawdown: ..... 12 feet  
 Yield: ..... 100 gpm

N-2418. (C-6) General Bronze Corporation, Stewart Avenue, Hempstead. Drilled by C. W. Lauman & Co., Inc., August 6, 1947.

Log:	Thickness (feet)	Depth (feet)
Top soil .....	2	2
Sand and gravel .....	52	54
Medium sand, few gravel .....	2	56
Yellow clay with gravel .....	16	72

Casing: 10 inches.

Screen: 16 feet of 10 inch with bottom at 53 feet.

Static water level: ..... 15 feet  
 Yield: ..... 350 gpm

N-2421. (B-5) P. Harris, Wedgewood Lane and Regent Drive, Lawrence. Drilled by C. W. Lauman & Co., Inc., July 26, 1947.

Log:	Thickness (feet)	Depth (feet)
Loam .....	2	2
Sand, gravel and stones .....	15	17
Fine white sand .....	4	21
Medium coarse sand, gravel and stones .....	14	35
Medium fine white sand .....	10	45

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 45 feet.

Static water level: ..... 16 feet  
 Yield: ..... 50 gpm

N-2424. (D-6) Long Island Lighting Company, Shore Road and Glen Head Road, Glenwood Landing. Drilled by C. W. Lauman & Co., Inc., August 30, 1948.

Log:	Thickness (feet)	Depth (feet)
Clay, sand and stones .....	4	4
White clean fine sand .....	3	7
Yellow clayey sand .....	5	12
Brown coarse sand, lumps soft clay .....	18	30
Brown coarse sand, lumps soft clay, some grits .....	26	56
Red brown sand, grits, clay, hard pan .....	2	58
Very clayey sand—80% clay .....	30	88
Yellow clayey medium coarse sand, few grits, 30% clay.....	10	98
Yellow clayey coarse sand .....	30	128
Gray-white fine sand—clayey .....	12	140
Coarse sand, grits—little clayey .....	20	160
Clayey sand and gravel .....	38	198
White sandy clay .....	36	234

N-2424. (Continued)

	Thickness (feet)	Depth (feet)
Dark gray solid clay .....	16	250
Medium gray solid clay .....	22	272
Red-brown clay little sandy .....	9	281
Red clay and hard pan .....	3	284
Sandy clay and layers of hard pan .....	16	300
Gray and black solid clay .....	17	317
Thin layers of red and gray clay .....	13	330
Fine red sandy clay—hard .....	17	347
Red and gray solid clay—very hard .....	13	360
Very hard red and gray clay and layers of hard pan .....	9	369
Sandy clay, some grits .....	28	397
Fine sandy clay, few grits .....	13	410
Fine clayey sand and grits .....	25	435
Brown clayey sand and grits .....	35	470

Casing: 12 inches.

Screen: 34 feet of 8 inch with bottom at 459 feet.

Pumping test:

August 30, 1948.	Duration: .....	8 hours
	Static water level: .....	21 feet
	Drawdown: .....	54 feet
	Yield: .....	504 gpm

Note: Water temperature 57° Fahrenheit.

N-2462. (C-7) Raymond G. Fish, Jerusalem Road and Newbridge Road, East Meadow.  
Drilled by Eastern Well & Pump Co., August 1947.

Log:	Thickness (feet)	Depth (feet)
Top soil .....	2	2
Medium coarse brown sand and gravel .....	8	10
Coarse light brown sand, gravel .....	12	22
Very coarse light brown sand gravel .....	30	52

Casing: 6 inches.

Screen: 22 feet of 6 inch with bottom at 52 feet.

Pumping test:

August 1947.	Duration: .....	2 hours
	Static water level: .....	8 feet
	Yield: .....	400 gpm

N-2464. (C-7) Kosel Brothers, Jerusalem Road and Jerusalem Avenue, East Hempstead.  
Drilled by Eastern Well & Pump Co., August 1947.

Log:	Thickness (feet)	Depth (feet)
Top soil and clay .....	2	2
Brown sand and gravel .....	6	8
Coarse white sand gravel .....	33	41

Casing: 6 inches.

Screen: 11 feet of 6 inch with bottom at 41 feet.

Pumping test:

August 1947.	Duration: .....	3 hours
	Static water level: .....	10 feet
	Drawdown: .....	11 feet
	Yield: .....	275 gpm

N-2487. (D-6) Village of Williston Park, William Street and Campbell Avenue, Williston Park. Drilled by Layne-New York Co., Inc., March 12, 1948.

Log:	Thickness (feet)	Depth (feet)
Sand gravel and boulders .....	76	76
Coarse brown sand and boulders .....	44	120
Sand gravel and boulders .....	35	155
Sand clay .....	10	165
Hard sand and clay .....	29	194
Sand and streaks of clay .....	10	204
Sand and gravel .....	11	215
Tough clay .....	10	225
Sand and gravel .....	24	249
Tough clay .....	43	292
Sand and gravel .....	46	338
Tough clay .....	27	365
Sand and gravel .....	25	390
Sandy clay .....	14	404
Clay .....	30	434

Casing: 38, 26, 18, 10 inches.

Screen: 40 feet of 10 inch with bottom at 338 feet.

Pumping test:

August 11, 1948. Duration: ..... 8 hours  
 Static water level: ..... 63 feet  
 Drawdown: ..... 30 feet  
 Yield: .....1055 gpm

N-2488. (B-5) S. R. Lazarus, Southeast of Ocean Avenue and Tanglewood Crossing, Lawrence. Drilled by C. W. Lauman & Co., Inc., September 13, 1947.

Log:	Thickness (feet)	Depth (feet)
Top soil .....	1	1
Brown gravel and heavy grits .....	4	5
White beach sand .....	7	12
White beach sand and grits .....	1	13
White beach sand .....	5	18
Fine brown sand .....	4	22
Brown sand and heavy gravel .....	7	29
Light brown sand and grits .....	9	38
Dark brown sand and clay .....	2	40

Casing: 4 inches.

Screen: 6 feet of 4 inch with bottom at 38 feet.

N-2491. (E-7) Richard Newton, Centre Island. Drilled by Long Island Water Supply Co., Inc., November 5, 1947.

Log:	Thickness (feet)	Depth (feet)
Hard pan .....	160	160
Sand and gravel .....	7	167
Blue clay .....	15	182
Sandy gray clay .....	220	402
Sand and gravel .....	37	439

N-2491. (Continued)

Casing: 8 and 6 inches.

Screen: 11 feet of 6 inch with bottom at 439 feet.

Pumping test:

November 5, 1947.	Duration: .....	4 hours
	Static water level: .....	52 feet
	Drawdown: .....	10 feet
	Yield: .....	40 gpm

N-2532. (C-8) Charles Joseph, Southern Parkway and Massapequa-Hicksville Road, Massapequa. Drilled by Eastern Well & Pump Co., October 1947.

Log:	Thickness (feet)	Depth (feet)
Top soil .....	3	3
Coarse light and brown sand grits gravel .....	47	50

Casing: 6 inches.

Screen: 16 feet of 6 inch with bottom at 49 feet.

Pumping test:

October 1948.	Duration: .....	2 hours
	Static water level: .....	18 feet
	Drawdown: .....	6 feet
	Yield: .....	143 gpm

N-2560. (E-7) David Kennedy, Centre Island. Drilled by Long Island Water Supply Co., Inc., December 30, 1947.

Log:	Thickness (feet)	Depth (feet)
Gravel and hard pan .....	5	5
Gravel and sandy clay .....	150	155
Red, blue and gray clay .....	62	317
Dirty sand and gravel .....	20	337
Red and gray clay .....	43	380
Sand and gravel, balls of white clay .....	37	417

Casing: 8 and 6 inches.

Screen: 21 feet of 6 inch with bottom at 417 feet.

Pumping test:

December 30, 1947.	Duration: .....	4 hours
	Static water level: .....	11 feet
	Drawdown: .....	11 feet
	Yield: .....	50 gpm

N-2565. (C-6) Garden City Park Water District, Marcus Avenue and Jericho Turnpike, Garden City Park. Drilled by Layne-New York Co., Inc., February 11, 1949.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel .....	49	49
Light brown sand and gravel .....	60	109
Orange sandy clay .....	12	121
Hard Packed sand .....	39	160

(Continued on next page)

N-2565. (Continued)	Thickness (feet)	Depth (feet)
Sand clay .....	22	182
White sandy clay .....	56	238
Sand, little clay .....	43	281
Clay .....	5	286
Hard packed sand, clay .....	37	323
Hard packed sand .....	32	355
Clay .....	6	361
Sand and gravel .....	44	405
Clay .....	7	412
Sand .....	20	432

Casing: 26, 18 and 10 inches.

Screen: 35 feet of 10 inch, with bottom at 405 feet.

Pumping test:

March 22, 1948. Duration: ..... 8 hours  
 Static water level: ..... 47 feet  
 Drawdown: ..... 55 feet  
 Yield: ..... 1025 gpm

N-2566. (D-5) Blum Estate, Smith Road and Old Motor Parkway, North Hills. Drilled by C. W. Lauman & Co., Inc., July 20, 1948.

Log:	Thickness (feet)	Depth (feet)
Fill .....	12	12
Sandy clay and rocks .....	35	47
Hard sandy clay .....	44	91
Coarse sand small gravel .....	14	105
Fine sand little gravel .....	20	125
Sharp sand, little gravel .....	10	135
Clay .....	3	138

Casing: 6 inches.

Screen: 7 feet of 6 inch with bottom at 135 feet.

Static water level: ..... 98 feet  
 Yield: ..... 28 gpm

Note: Temperature 52° Fahrenheit.  
 Chlorides 31 ppm.

N-2567. (E-5) T. M. Fraser, Sands Point. Drilled by C. W. Lauman & Co., Inc., April 1, 1948.

Log:	Thickness (feet)	Depth (feet)
Boulders and niggerheads .....	10	10
Heavy gravel .....	45	55
Medium coarse brown sand .....	9	64
Fine light brown sand .....	19	82
Coarse sand and gravel .....	23	105

Casing: 4 inches.

Screen: 6 feet of 4 inch with bottom at 105 feet.

Static water level: ..... 46 feet  
 Yield: ..... 20 gpm



N-2576. (D-5) Glen Oaks Club, Inc., 263 Grand Central Parkway, Great Neck. Drilled by Layne-New York Co., Inc., September 16, 1948.

Log:	Thickness (feet)	Depth (feet)
Sandy clay and boulders .....	80	80
Sandy clay and gravel .....	33	113
Hard pan .....	4	117
Red and white clay .....	19	136
Sandy clay .....	20	156
Medium light brown sand .....	43	199
Sandy clay and hard streaks below 199 feet .....		

Casing: 18 and 10 inches.

Screen: 20 feet of 10 inch with bottom at 197 feet.

Pumping test:

September 16, 1948. Duration: ..... 8 hours  
Static water level: ..... 114 feet  
Drawdown: ..... 21 feet  
Yield: ..... 610 gpm

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N-2577. (C-7) New York Water Service Corp., Jefferson Street and South Street, Merrick. Drilled by Karlson & Reed, Inc., February 12, 1948.

Log:	Thickness (feet)	Depth (feet)
Top soil and loam .....	3	3
Red coarse sand .....	4	7
Dark coarse sand and gravel .....	9	16
Clean coarse sand and gravel .....	24	40
Fine dark muddy sand .....	3	43

Casing: 12 inches.

Screen: 15 feet of 12 inch with bottom at 38 feet.

Pumping test:

February 12, 1948. Duration: ..... 10 hours  
Static water level: ..... 14 feet  
Drawdown: ..... 12 feet  
Yield: ..... 455 gpm

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N-2582. (C-7) Island Trees Corp., Hempstead Turnpike and Loring Road, Hicksville. Drilled by C. W. Lauman & Co., Inc., March 8, 1948.

Log shows 79 feet of coarse sand and gravel.

Casing: 12 inches.

Screen: 27 feet of 12 inch with bottom at 79 feet.

Pumping test:

March 6, 1948. Duration: ..... 8 hours  
Static water level: ..... 27 feet  
Drawdown: ..... 30 feet  
Yield: ..... 1200 gpm

N-2584. (D-5) Colonial Sand & Stone Co., Denton Avenue and Hillside Avenue, Garden City Park. Drilled by Long Island Water Supply Co., Inc., February 11, 1948.

Log shows 46 feet of sand and gravel.

Casing: 6 inches.

Screen: 11 feet of 6 inch with bottom at 47 feet.

Pumping test:

February 10, 1948. Duration: ..... 3 hours  
 Static water level: ..... 6 feet  
 Drawdown: ..... 12 feet  
 Yield: ..... 125 gpm

N-2587. (C-8) Turnpike Beverage Distributors, Hempstead Turnpike and Wantagh Avenue, Bethpage. Drilled by Eastern Well & Pump Co., June 20, 1948.

Log:	Thickness (feet)	Depth (feet)
Top soil, sand and clay .....	3	3
Light brown sand and grits, large gravel and stones .....	52	55
Same as above and layers of hard pan .....	6	61

Casing: 8 inches.

Screen: 12 feet of 8 inch with bottom at 61 feet.

Pumping test:

June 20, 1948. Duration: ..... 4 hours  
 Static water level: ..... 26 feet  
 Drawdown: ..... 7 feet  
 Yield: ..... 188 gpm

N-2596. (B-8) Edward Fishman, West Shore Drive, Nassau Shores, Massapequa. Drilled by Mathies Well & Pump Co., Inc., March 26, 1948.

Log:	Thickness (feet)	Depth (feet)
Coarse brown sand and gravel .....	5	5
Bog .....	3	8
Coarse brown sand and gravel .....	41	49
Medium white sand .....	8	57
Gray clay .....	7	64
Coarse white sand, clay shells and gray clay .....	3	67
Black clay .....	25	92
Fine white sand and gray clay .....	13	105
Fine white sand, wood and silt .....	30	135
Very fine white sand and gray clay .....	17	152
Black clay and wood .....	8	160
Coarse white sand and black clay water .....	2	162
Black clay, fine white sand .....	8	170
Very fine white sand and gray clay .....	11	181
Very fine white sand .....	9	190
Fine white sand and gray clay water and silt .....	19	209
Medium white sand and wood .....	10	219

Casing: 4 inches.

Screen: 6 feet of 4 inch with bottom at 219 feet.

Pumping test:

August 10, 1948. Duration: ..... 2 hours  
 Static water level: ..... flowing  
 Yield: ..... 19 gpm

N-2597. (B-5) City of Long Beach, Lafayette Boulevard, Long Beach. Drilled by Layne-New York Co., Inc., September 27, 1948.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel .....	109	109
Blue clay .....	14	123
Fine gravel and coarse sand .....	21	144
Sand and streaks of clay .....	35	179
Sand and streaks of gravel, shells and wood .....	32	211
Sand and fine gravel, streaks of clay .....	28	249
Sandy clay .....	52	301
Clay and hard streaks .....	138	449
Coarse gravel and sand .....	29	478
Clay .....	6	484
Clay and sand streaks .....	16	500
Tough clay and hard sand rock .....	51	551
Sand and gravel .....	17	568
Sand and gravel and clay streaks .....	51	619
Sand and gravel .....	45	664
Sand, clay and gravel .....	20	684
Tough clay and streaks of gravel .....	60	744
Coarse gravel, sand and hard streaks .....	31	775
Sand, clay hard streaks and wood .....	21	796
Hard clay .....	30	826
Sand, gravel and hard streaks of clay .....	17	843
Blue clay and hard streaks of sand rock .....	31	874
Sand, gravel and hard streaks .....	16	890
Tough clay .....	10	900
Clay and gravel .....	87	987
Sand, gravel and clay streaks .....	65	1052
Clay streaks and gravel .....	4	1056
Clay .....	14	1070
Clay, sand and gravel .....	20	1090
Sand and gravel .....	47	1137
Hard clay and gravel .....	26	1163
Coarse sand and gravel .....	82	1245
Clay and hard streaks .....	7	1252

Casing: 18, 12 and 8 inches.

Screen: 60 feet of 8 inch with bottom at 1235 feet.

Pumping test:

September 27, 1948.	Duration: .....	8 hours
	Static water level: .....	9 feet
	Drawdown: .....	39 feet
	Yield: .....	1218 gpm

N-2602. (D-7) Westbury Water District, Dryden and Tennyson Street, Westbury. Drilled by Layne-New York Co., Inc., August 11, 1948.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel .....	26	26
Brown and white clay .....	16	42
Hard packed sand and clay .....	34	76
Brown muddy sand .....	46	112
Black clay .....	11	123
Muddy sand .....	88	211

(Continued on next page)

N-2602. (Continued)

	Thickness (feet)	Depth (feet)
Sand and gravel .....	22	233
Streaks sand and clay .....	9	242
Sand and gravel .....	18	260
Streaks sand clay .....	107	367
Sandy clay .....	22	389
Sand and gravel .....	33	422
Clay .....	8	430
Sandy clay .....	19	449
Hard packed sand .....	52	501
Sand and gravel .....	23	524
Clay .....	3	527
Gravel .....	29	556
Clay .....	11	567
Fine sand .....	24	591
Clay hard streaks .....	146	737
Sandy clay .....	13	750
Sand and gravel .....	51	801
Streaks of sandy clay below 801 feet .....		

Casing: 26, 16 and 10 inches.

Screen: 40 feet of 10 inch with bottom at 800 feet.

Pumping test:

August 11, 1948. Duration: ..... 8 hours  
 Static water level: ..... 99 feet  
 Drawdown: ..... 89 feet  
 Yield: ..... 935 gpm

N-2608. (C-7) Otto Tepe, Bellmore and Prospect Avenues, East Meadow. Drilled by Eastern Well & Pump Co., April 1948.

Log:	Thickness (feet)	Depth (feet)
Top soil and loam .....	2	2
Light brown sand, heavy grits, gravel and stones .....	42	44

Casing: 6 inches.

Screen: 12 feet of 6 inch with bottom at 44 feet.

Pumping test:

April 1948. Duration: ..... 3 hours  
 Static water level: ..... 14 feet  
 Yield: ..... 240 gpm

N-2610. (C-8) Jacob Boos, Jr., South of Southern State Parkway and East of Seamans Neck Road, Wantagh. Drilled by Eastern Well & Pump Co., May 1948.

Log:	Thickness (feet)	Depth (feet)
Top soil .....	1	1
Coarse brown sand, grits and gravel .....	46	47

Casing: 6 inches.

Screen: 10 feet of 6 inch with bottom at 47 feet.

Pumping test:

May 1948. Duration: ..... 3 hours  
 Static water level: ..... 16 feet  
 Yield: ..... 200 gpm

N-2613. (B-6) Long Island Water Corporation, Northeast of Seaman Avenue and Voshage Street, Baldwin. Drilled by Layne-New York Co., Inc., July 13, 1948.

Log:	Thickness (feet)	Depth (feet)
Sand, streaks of clay .....	64	64
Fine sand .....	28	92
Sand, streaks of clay .....	345	447
Coarse sand .....	55	502

Casing: 26, 20 and 12 inches.

Screen: 40 feet of 12 inch with bottom at 500 feet.

Pumping test:

July 7, 1948. Duration: ..... 8 hours  
 Static water level: ..... flows  
 Drawdown: ..... 32 feet  
 Yield: ..... 1212 gpm

N-2615. (C-6) The Great Atlantic & Pacific Tea Co., Stewart Avenue, Hempstead. Drilled by C. W. Lauman & Co., Inc., June 12, 1948.

Log:	Thickness (feet)	Depth (feet)
Fill .....	6	6
Sandy clay and grits .....	2	8
Coarse brown sand and grits .....	38	46
Fine brown sand and grits .....	12	58

Casing: 8 inches.

Screen: 11 feet of 8 inch with bottom at 58 feet.

Pumping test:

August 31, 1948. Duration: ..... 11 hours  
 Static water level: ..... 15 feet  
 Drawdown: ..... 16 feet  
 Yield: ..... 250 gpm

N-2616. (E-6) Glen Head Country Club, Glen Head. Drilled by Layne-New York Co., Inc., May 9, 1931; April 27, 1954 repaired.

Log:	Thickness (feet)	Depth (feet)
Boulders and sand .....	6	6
Brown sand .....	15	21
Boulders and clay .....	4	25
Brown sand .....	17	42
Sandy clay .....	31	73
Coarse brown sand .....	23	96
Sandy clay .....	23	119
Brown sand and gravel .....	4	123
Tough blue clay .....	63	186
Coarse white sand and gravel .....	44	230
Clay and boulders .....	8	238

Casings: 18, 12 and 8 inches.

Screens: 37 feet of 12 inch with botom at 221 feet.

40 feet of 8 inch with bottom at 220 feet.

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N-2616. (Continued)

Pumping test:  
 May 9, 1931. Duration: ..... 8 hours  
 Static water level: ..... 8 feet  
 Drawdown: ..... 11 feet  
 Yield: ..... 500 gpm

N-2619. (C-7) Steve Koshansky, North of Prospect Street and West of Chambers Avenue, East Meadow. Drilled by Eastern Well & Pump Co., May 1948.

Log:	Thickness (feet)	Depth (feet)
Top soil and loam .....	2	2
Coarse light brown sand, grits and gravel .....	41	43
Casing: 4 inches.		
Screen: 10 feet of 4 inch with bottom at 43 feet.		
	Static water level: .....	18 feet
	Yield: .....	200 gpm

N-2623. (D-5) Fred Schumacher, South of Marcus Avenue and West of Lakeville Road, New Hyde Park. Drilled by C. W. Lauman & Co., Inc., August 3, 1948.

Log:	Thickness (feet)	Depth (feet)
Top soil .....	1	1
Reddish brown coarse sand .....	4	5
Brown coarse sand and large gravel .....	86	91
Very fine light brown sand and streaks of clay .....	15	106
Brown medium coarse sand and streaks of clay .....	14	120
Reddish brown medium coarse sand and streaks of clay .....	4	124
Casing: 8 inches.		
Screen: 17 feet of 6 inch with bottom at 121 feet.		
	Drawdown: .....	81 feet
	Yield: .....	150 gpm

N-2626. (C-6) U. S. Printing & Lithographing Co., North of Old Country Road and East of Guinea Woods Road, Carle Place. Drilled by C. W. Lauman & Co., Inc., September 6, 1951.

Log:	Thickness (feet)	Depth (feet)
Pit .....	6	6
Coarse brown sand, gravel, grits .....	20	26
Coarse brown sand, grits .....	8	34
Black clay .....	8	42
Yellow clay .....	9	51
Very fine brown sand and white clay .....	47	98
Very fine brown sand, mica, lumps brown clay .....	19	117
Black, brown and white sandy clay .....	4	121
Very fine brown sandy clay, mica, hardpan .....	15	136
Medium fine brown sand .....	7	143
Fine, light brown sand, lumps of clay .....	7	150
Solid white clay .....	7	157

Casing: 10 inches.  
 Screen: 41 feet of 6 inch with bottom at 150 feet.

N-2626. (Continued)

Pumping test:  
 September 6, 1951. Duration: ..... 3½ hours  
 Static water level: ..... 23 feet  
 Drawdown: ..... 25 feet  
 Yield: ..... 380 gpm

Note: Original well completed to a depth of 130 feet.  
 Deepening completed September 6, 1951.

N-2632. (E-7) A. Simpson, South of Roosevelt Avenue and East of Centre Island Road, Centre Island. Drilled by C. W. Lauman & Co., Inc., January 27, 1949.

Log:	Thickness (feet)	Depth (feet)
Brown clay, large stones .....	22	22
Coarse brown sand, large stones, clay .....	17	39
Fine gray sand, gravel, gray clay .....	9	48
Fine brown sand and gravel .....	11	59
Gray clay .....	21	70
Coarse brown sand, gravel .....	18	88
Fine brown sand, gravel and clay .....	5	93
Brown sandy clay, gravel .....	7	100
Coarse brown sand, gravel and lumps of clay .....	7	107
Coarse brown sand, gravel .....	2	109
Medium brown sand, gravel and clay .....	4	113

Casing: 6 inches.

Screen: 2½ feet of 4 inch with bottom at 113 feet.

Pumping test:  
 February 1, 1949. Duration: ..... 3 hours  
 Static water level: ..... 46 feet  
 Drawdown: ..... 25 feet  
 Yield: ..... 10 gpm

N-2635. (D-5) Nassau County Department of Public Works, southeast of Washington Street and Webster Avenue, Port Washington. Drilled by Nassau County Department of Public Works, June 1948.

Log:	Thickness (feet)	Depth (feet)
Top soil, dark brown, sandy .....	1	1
Loam, brown, gravelly .....	3	4
Sand, coarse, brown and gravel .....	6	10
Sand, coarse, dark brown, some small pebbles .....	9	19
Sand, coarse, dark brown, and gravel .....	6	25
Sand, medium, light brown, some brown clay .....	9	34
Clay, green, blue and yellow, with thin streaks of fine sandy clay .....	4	38
Clay, sandy, greenish brown (like a hardpan) .....	7	45
Sand, medium, light brown and streaks of brown clay.....	6	51
Sand, medium, dark gray, some clay .....	2	53
Clay, steel gray, soft, with loads of small shells and some small gravel .....	14	67
Sand, medium, brown, micaceous and sandy gray clay mixed with small shells, very hard .....	3	70
Sand, fine, brown and silt, some small pebbles and shell fragments .....	3	73

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N-2635. (Continued)

	Thickness (feet)	Depth (feet)
Sand, fine, brown, silty and clayey, with much bronzey mica .....	5	78
Clay, hard, brown, with same quartz pebbles (like a gumbo till) .....	3	81
Clay, tough, dark brown, with some quartz pebbles.....	6	87
Sand and gravel, coarse, brown, with some brown clay and stones .....	4	91
Gravel, coarse and coarse brown sand, with large stones and quartz pebbles .....	5	96
Sand, medium to coarse brown and quartz gravel .....	4	100
Clay, tough, dark brown, sandy near bottom .....	28	128
Clay, gray and brown, hard and quartz gravel .....	4	132
Sand, coarse and gravel, with a little gray clay .....	4	136
Sand, fine to medium, gray, gravel and gray sandy clay....	5	141
Sand, medium to coarse, gray and gravel .....	8	149
Sand, fine to medium, light gray, with small quartz particles, iron concretions both yellow and red types .....	16	165
Clay, brown, sandy, with much fine mica .....	2	167
Clay, brown, sandy at .....		167

Casing: 8 inches.

Note: This well has a cement plug in bottom and is now 165 feet deep. It is slotted with four vertical slots ½ inch wide and four feet long between 150 and 154 feet below land surface.

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N-2639. (C-8) Long Island Home Ltd., Northwest of Division Avenue and Sunrise Highway, Amityville. Drilled by C. W. Lauman & Co., Inc., September 17, 1948.

Log shows 54 feet of coarse sand and gravel.

Casing: 8 inches.

Screen: 13½ feet of 6 inch with bottom at 54 feet.

Pumping test:

September 17, 1948.	Duration: .....	4 hours
	Static water level: .....	13 feet
	Drawdown: .....	5 feet
	Yield: .....	100 gpm

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N-2747. (C-6) Carle Place Water District, South of Long Island Railroad and East of Guinea Woods Road, Carle Place. Drilled by Layne-New York Co., Inc., February 17, 1949.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel .....	30	30
Yellow clay and sand .....	51	81
Fine sandy clay .....	71	159
Clay .....	5	164
Fine sandy clay .....	97	261
White clay .....	10	271
Coarse sand .....	61	332

Casing: 26, 18 and 10 inches.

Screen: 50 feet of 10 inch with bottom at 327 feet.

Pumping test:

September 7, 1948.	Duration: .....	8 hours
	Static water level: .....	18 feet
	Drawdown: .....	40 feet
	Yield: .....	1051 gpm



N-2790. (B-6) County of Nassau, south of William Street and east of Second Avenue, Bay Park. Drilled by C. W. Lauman & Co., Inc., December 19, 1949.

Log:	Thickness (feet)	Depth (feet)
Swamp mud .....	1	1
Medium coarse brown sand, grits and clay lumps .....	26	27
Layers of fine brown sand and clay .....	7	34
Fine brown sand .....	2	36
Medium coarse brown sand, grits and clay lumps .....	10	46
Coarse brown sand and grits .....	8	54
Layer of clay .....	1	55
Coarse brown sand, grits and gravel .....	4	59
Gray sandy clay .....	5	64
Coarse brown sand, grits and clay lumps .....	24	88
Fine gray sand .....	21	109
Fine gray sand and layers of decayed wood .....	32	141
Fine gray sand .....	27	168
Layers of gray sandy clay, decayed wood and clay .....	47	215
Medium fine gray sand .....	6	221
Layers of fine gray sandy clay and gravel .....	10	231
Fine gray sand layers of clay, decayed wood and mica .....	26	257
Fine gray sand, clay layers, decayed wood and mica .....	18	275
Fine gray sandy clay .....	20	295
Medium fine gray sand .....	14	309
Fine gray sandy clay and layers of lignite .....	31	340
Fine gray sandy clay, layers of lignite and pyrite .....	19	359
Solid gray clay and lignite layers .....	7	366
Medium fine gray sand and layers of lignite and pyrite ....	17	383
Fine gray sandy clay and layers of clay and pyrite .....	9	392
Fine gray sandy clay and layers of lignite.....	34	426
Sticky black clay and lignite layers .....	9	435
Fine gray sand (little clay) .....	16	451
Fine gray sandy clay .....	16	467
Medium fine gray sand .....	8	475
Medium coarse gray sand .....	8	483
Solid gray clay and layers of fine sandy clay .....	10	493
Fine gray sand .....	22	515
Solid gray clay (dark) .....	3	518
Fine gray sandy clay .....	7	525
Layers of fine sand, clay and hard gray clay .....	14	539
Fine gray sand .....	10	549
Layers of gray clay and fine sandy clay .....	19	568
Solid gray clay .....	12	580
Coarse gray sand .....	7	587
Solid light gray clay .....	11	598
Multi colored very hard clay .....	26	624
Light gray clay and layers of fine sandy clay .....	15	639
Medium fine brown sand and clay layers .....	8	647
Hard gray clay and layers of sandy clay .....	31	678
Medium fine light brown sand, some clay .....	16	694
Layers of gray clay and sandy clay .....	33	727
Solid dark gray clay .....	10	737
Gray sandy clay and layers of lignite .....	30	767
Solid gray clay .....	12	779
Dark gray clay and pyrite layers .....	69	848
Fine gray sandy clay and layers of pyrite .....	9	857
Medium light gray sand .....	28	885

Casing: 6 inches.

Screen: 22 feet of 4 inch with bottom at 560 feet.

Static water level: ..... well flows

Note: Test hole for formation.

N-2791. (C-7) Levitt & Sons, Inc., south of Hempstead Turnpike and west of Wantagh Parkway, Levittown. Drilled by C. W. Lauman & Co., Inc., November 8, 1948.

Log:	Thickness (feet)	Depth (feet)
Loam .....	3	3
Coarse sand and gravel .....	40	43
Medium coarse brown sand .....	8	51
Coarse brown sand and large stones .....	15	66
Coarse brown sand, mica and small amount brown clay .....	2	68
Coarse brown sand, mica, hardpan, lumps clay .....	2	70
Medium fine brown sand and mica .....	12	82
Medium coarse brown sand and mica .....	9	91
Fine brown sand and clay .....	4	95

Casing: 12 inches.

Screen: 31 feet of 12 inch with bottom at 90 feet.

Pumping test:

November 8, 1948. Duration: ..... 4½ hours  
 Static water level: ..... 24 feet  
 Drawdown: ..... 18 feet  
 Yield: ..... 800 gpm

N-2847. (E-6) Cove Theatre, south of North Lane, east of School Street, Glen Cove. Drilled by C. W. Lauman & Co., Inc., April 13, 1949.

Log:	Thickness (feet)	Depth (feet)
Cellar .....	13	13
Fine brown sand, white clay .....	5	18
Fine brown sand .....	5	23
Coarse brown sand and gravel .....	6	29
White sandy clay .....	26	55
Medium brown sand and gray clay .....	4	59
Coarse brown sand and gravel .....	4	63
Medium coarse brown sand and gray clay .....	7	70
Coarse brown sand and gravel (dirty) .....	4	74
Medium coarse brown sand, gravel, brown and white clay .....	6	80
Gray and red sandy clay .....	8	88
Brown sandy clay .....	6	94
Fine brown sand, grits and mica .....	5	99
Coarse brown sand .....	4	103
Coarse brown sand, gravel, small amount of white clay .....	13	116
Brown clay and gravel .....	20	136
Very fine brown sand (dirty) .....	15	151
Brown sandy clay .....	23	174
Fine brown sand .....	7	181
Fine brown sand, lumps of c'ay .....	2	183

Casing: 10 inches.

Screen: 21 feet of 8 inch with bottom at 116 feet.

Pumping test:

March 14, 1949. Duration: ..... 8 hours  
 Static water level: ..... 23 feet  
 Drawdown: ..... 27 feet  
 Yield: ..... 425 gpm

N-2849. (E-5) Stanley Washburn, Jr., south of Radeliff Road and east of Middle Neck Road, Sands Point. Drilled by C. W. Lauman & Co., Inc., March 23, 1949.

Log:	Thickness (feet)	Depth (feet)
Fine brown sand .....	5	5
Brown sandy clay .....	4	9
Brown sand and large stones .....	7	16
Large stones and boulders .....	32	48
Brown sand and gravel .....	15	63
Brown sandy clay .....	21	84
Gray coarse sand .....	25	109

Casing: 4 inches.

Screen: 6 feet of 4 inch with bottom at 107 feet.

Static water level: .....	67 feet
Yield: .....	8 gpm

N-2921. (B-6) Sverre Iversen, north of Florida Avenue and east of Long Beach Road, Island Park. Drilled by Mathies Well & Pump Co., Inc., September 29, 1948.

Log:	Thickness (feet)	Depth (feet)
Beach sand .....	2	2
Sand and black clay .....	2	4
Coarse brown sand, grits and gravel .....	28	32
Fine brown sand, small grits and brown clay .....	13	45
Dark gray clay .....	11	56
Coarse white sand .....	6	62
Coarse brown sand, grits and gravel .....	3	65
Gray clay .....	47	112
Coarse white sand and gravel .....	8	120

Casing: 4 inches.

Screen: 6 feet of 4 inch with bottom at 120 feet.

Pumping test:

September 29, 1948. Duration: .....	3 hours
Static water level: .....	7 feet
Yield: .....	40 gpm

N-2923. (C-7) County of Nassau, north of Long Island Railroad and east of Newbridge Road, Nassau County Park. Drilled by C. W. Lauman & Co., Inc., July 29, 1949.

Log:	Thickness (feet)	Depth (feet)
Top soil .....	1	1
Clay and stones .....	2	3
Gray clay .....	3	6
Sand, gravel and large stones .....	2	8
Clean sand and gravel .....	4	12
Reddish brown sand and gravel (dirty) .....	5	17
Brown sand and gravel, cleaner than above .....	27	44
Brown sand and gravel, clayey—lumps of clay .....	6	50
Brown coarse sand and gravel, lumps of clay .....	5	55
Coarse light brown sand and lumps of clay .....	3	58
Very clayey fine sand (grayish tan) .....	10	68
Light gray tan fine sand, hard pan .....	15	83

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N-2923. (Continued)	Thickness (feet)	Depth (feet)
Red fine sand and hard pan .....	16	99
Brown fine sand, lumps of clay .....	16	115
Brown solid clay .....	2	117
Dark gray solid clay .....	5	122
Casing: 20 and 12 inches.		
Screen: 32 feet of 12 inch with bottom at 112 feet.		
Pumping test:		
December 7, 1948. Duration: .....		9 hours
Static water level: .....		33 feet
Drawdown: .....		31 feet
Yield: .....		800 gpm

N-2924. (E-8) J. L. Cassullo, north of Cove Road and east of Cove Neck Road, Oyster Bay.  
 Drilled by Long Island Water Supply Co., December 1, 1948.

Log:	Thickness (feet)	Depth (feet)
Loam .....	2	2
Medium sand .....	8	10
Sand, clay .....	30	40
Gravel .....	50	90
Sand, gravel .....	80	170
Clay .....	45	215
Casing: 6 inches.		
Screen: 10 feet of 6 inch with bottom at 215 feet.		
Pumping test:		
October 12, 1948. Duration: .....		8 hours
Static water level: .....		131 feet
Drawdown: .....		5 feet
Yield: .....		27 gpm

N-3129. (C-7) County of Nassau, south of Long Island Railroad and east of Newbridge Avenue, Nassau County Park. Drilled by C. W. Lauman & Co., Inc., July 29, 1949.

Log:	Thickness (feet)	Depth (feet)
Loam and clay .....	3	3
Sand, gravel and large gravel .....	12	15
Brown sand and gravel—little dirty .....	28	43
Reddish brown sand and gravel .....	12	55
Light tan fine sand—very clayey .....	8	63
Light tan fine sand—not as much clay as above .....	9	72
Light tan fine sand—very clayey .....	13	85
Brown fine sand—little clayey .....	10	95
Light brown fine sand, lumps of soft clay .....	20	115
Reddish brown fine sand .....	24	139
Solid clay .....	3	142
Casing: 20 and 12 inches.		
Screen: 42 feet of 12 inch with bottom at 142 feet.		
Pumping test:		
January 19, 1949. Duration: .....		8 hours
Static water level: .....		29 feet
Drawdown: .....		53 feet
Yield: .....		1000 gpm

N-3142. (D-8) Central Park Water District, north of Hay Path Road, west of Central Park Road, Bethpage. Drilled by C. W. Lauman & Co., Inc., January 31, 1949.

Log:	Thickness (feet)	Depth (feet)
Fill .....	4	4
Coarse sand and red clay .....	6	10
Medium coarse light brown sand .....	33	43
Coarse brown sand and gravel .....	16	59
Fine brown sand and streaks of clay .....	38	97
Fine white sand and streaks of clay .....	14	111
Soft gray sandy clay .....	8	119
Light brown medium coarse sand .....	11	130
Medium coarse white sand .....	11	141
Fine light brown sand and streaks of clay .....	46	187
Very fine brown sandy clay and decayed stone .....	18	205
Casing: 12 inches.		
Screen: 41 feet of 12 inch with bottom at 163 feet.		
Pumping test:		
January 27, 1949. Duration: .....	4½	hours
Static water level: .....	38	feet
Drawdown: .....	36	feet
Yield: .....	580	gpm

N-3145. (D-5) Wm. Schenk, north of Marcus Avenue and west of New Hyde Park Road, Lake Success. Drilled by Eastern Well & Pump Co., March 1, 1950.

Log:	Thickness (feet)	Depth (feet)
Hard clay and stones .....	14	14
Soft brown clay .....	6	20
Brown sand and clay, few stones and grits .....	44	64
Fine brown gray sand and gravel .....	46	110
Light brown sand, grits and gravel .....	13	123
Casing: 6 inches.		
Screen: 5 feet of 4 inch with bottom at 123 feet.		
Pumping test:		
March 1, 1950. Duration: .....	2	hours
Static water level: .....	108	feet
Yield: .....	320	gph

N-3150. (C-6) Calderone Theatre, south of Bedell Street and west of Franklin Street, Hempstead. Drilled by C. W. Lauman & Co., Inc., April 19, 1949.

Log:	Thickness (feet)	Depth (feet)
Fill .....	4	4
Medium coarse brown sand and gravel .....	56	60
Brown clay and gravel .....	2	62
Very fine yellow sand, clay .....	5	67
Fine yellow sandy clay .....	23	90
Casing: 8 inches.		
Screen: 16 feet of 8 inch with bottom at 60 feet.		
Pumping test:		
April 19, 1949. Duration: .....	6	hours
Static water level: .....	7	feet
Drawdown: .....	12	feet
Yield: .....	300	gpm

N-3182. (C-5) Park Theatre, south of Jericho Turnpike and east of North Tenth Street, New Hyde Park. Drilled by Sweeney & Gray Co., Inc., March 2, 1949.

Log:	Thickness (feet)	Depth (feet)
Coarse sand .....	88	88
Fine sand .....	5	93
Casing: 10 inches.		
Screen: 21 feet of 8 inch with bottom at 88 feet.		
Pumping test:		
March 2, 1949. Duration: .....		8 hours
Static water level: .....		42 feet
Drawdown: .....		20 feet
Yield: .....		350 gpm

N-3185. (C-6) Village of Mineola, north of Old Country Road and west of Eighth Avenue, Mineola. Drilled by Layne-New York Co., Inc., November 2, 1949.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel .....	60	60
Brown sand .....	49	109
Sandy clay .....	41	150
Hard packed sand .....	20	170
Streaks of sand and clay .....	115	285
Muddy sand .....	77	362
Clay .....	5	367
Muddy sand .....	26	393
Yellow sand and clay .....	29	422
Sand and gravel .....	52	474
White clay .....	25	499
Casing: 26, 18 and 10 inches.		
Screen: 40 feet of 10 inch with bottom at 463 feet.		
Pumping test:		
November 2, 1949. Duration: .....		8 hours
Static water level: .....		41 feet
Drawdown: .....		31 feet
Yield: .....		1040 gpm

N-3190. (C-7) H. C. Bohack Co., Inc., north of Hempstead Turnpike and west of Walcott Road, Levittown. Drilled by C. W. Lauman & Co., Inc., August 2, 1949.

Log:	Thickness (feet)	Depth (feet)
Cellar .....	7	7
Coarse brown sand and gravel .....	59	66
Solid gray clay .....	1	67
Casing: 6 inches.		
Screen: 11 feet of 4 inch with bottom at 66 feet.		
Pumping test:		
August 2, 1949. Duration: .....		1/2 hour
Static water level: .....		18 feet
Drawdown: .....		8 feet
Yield: .....		55 gpm

Note: Temperature 53° Fahrenheit.

N-3192. (C-5) Argo Theatre, south of Hempstead Turnpike and west of Elmont Road, Elmont. Drilled by C. W. Lauman & Co., Inc., February 22, 1950.

Log:	Thickness (feet)	Depth (feet)
Pit .....	2	2
Fill .....	6	8
Coarse sand and gravel .....	37	45
Dark medium fine sand and mica .....	27	72
Medium fine sand and grits .....	4	76
Coarse sand and gravel .....	14	90

Casing: 8 inches.

Screen: 16 feet of 6 inch with bottom at 90 feet.

Pumping test:

February 22, 1950. Static water level: ..... 21 feet  
Yield: ..... 300 gpm

N-3242. (B-6) Frank Gaudiosi, Trafalgar Boulevard and Shell Creek Road, Island Park. Drilled by Fred Habenicht & Sons, July 10, 1951.

Log:	Thickness (feet)	Depth (feet)
Fill .....	4	4
Swamp bog .....	5	9
Dirty white sand, mixed with black mud .....	60	69
Gray white dirty sand .....	51	120
Dirty brown sand .....	9	129
Brown clay and clam shells .....	44	173
Dirty white sand .....	28	201
Dry hard gray clay .....	48	249
Very fine light gray sand .....	20	269

Casing: 4 inches.

Screen: 5 feet of 1¼ inch with bottom at 269 feet.

Pumping test:

June 1951. Duration: ..... 3 days  
Static water level: ..... 4 feet  
Yield: ..... 4 gpm

N-3245. (B-8) R. S. Mautner, West Shore Drive, 100 feet from Canal, Massapequa. Drilled by Mathies Well & Pump Co., Inc., May 24, 1949.

Log:	Thickness (feet)	Depth (feet)
Beach sand .....	1	1
Coarse brown sand, grits and gravel .....	3	4
Bog .....	1	5
Coarse brown sand, grits and gravel .....	39	44
Medium brown sand .....	16	60
Gray clay .....	10	70
Black clay and clam shells .....	1	71
Black clay .....	25	96
Black clay, fine white sand and mica .....	4	100
Fine white sand, wood and mica .....	21	121
Very fine white sand, gray clay .....	32	153
Black clay .....	1	154

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N-3245. (Continued)

	Thickness (feet)	Depth (feet)
Fine white sand, mica and gray clay .....	21	175
Very fine white sand, gray clay .....	23	198
Medium white sand, little wood .....	18	215

Casing: 4 inches.

Screen: 6 feet of 4 inch with bottom at 212 feet.

Pumping test:

May 17, 1949. Duration: ..... 3 hours  
 Static water level: ..... flowing  
 Yield: ..... 55 gpm

N-3246. (B-5) Will Clurman, Barret Road and Clinton Road, Lawrence. Eastern Well & Pump Co., July 25, 1949.

Log:	Thickness (feet)	Depth (feet)
Cellar .....	6	6
Light brown clean sand, few grits .....	8	14
Very fine gray beach sand .....	2	16
Dirty white beach sand .....	6	22
Light brown beach sand, mica .....	1	23
Light brown fine sand and gravel .....	5	28
Hard brown clay .....	6	34
Fine brown dirty sand, streaks of clay .....	82	116
Hard black clay .....	4	120
Fine dirty sand .....	4	124
Fine to medium coarse sand and grits .....	4	128
Fine to medium sand, small grits .....	8	136
Solid black clay .....	15	151

Casing: 4 inches.

Screen: 10 feet of 4 inch with bottom at 136 feet.

Pumping test:

July 19, 1949. Duration: ..... 2 hours  
 Static water level: ..... 17 feet  
 Drawdown: ..... 14 feet  
 Yield: ..... 59 gpm

N-3308. (C-8) H. Schopman, north of Southern State Parkway, west of Seamen Neck Road, Wantagh. Drilled by Mathies Well & Pump Co., Inc., June 3, 1949.

Log:	Thickness (feet)	Depth (feet)
Well pit .....	4	4
Coarse brown sand, grits and gravel .....	37	41

Casing: 8 inches.

Screen: 8 feet of 8 inch with bottom at 41 feet.

Pumping test:

June 3, 1949. Duration: ..... 6 hours  
 Static water level: ..... 8 feet  
 Drawdown: ..... 4 feet  
 Yield: ..... 100 gpm



N-3311. (D-6) Colonial Sand & Stone Corporation, 5000 feet north of Northern Boulevard and west of Shore Road, Port Washington. Drilled by E. K. Hutchinson & Son, July 5, 1949.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel .....	70	70
Clay .....	20	90
Fine sand and clay .....	22	112
Clay .....	32	144
Sand and clay, thin bands .....	48	192
Sand and gravel .....	16	208

Casing: 8 inches.

Screen: 12 feet of 8 inch with bottom at 205 feet.

Pumping test:

July 5, 1949.	Duration: .....	8 hours
	Static water level: .....	22 feet
	Drawdown: .....	30 feet
	Yield: .....	250 gpm

N-3312. (C-7) County Community Corporation (Levitt & Sons), north of Bellows Lane and east of Dale Lane, Levittown. Drilled by C. W. Lauman & Co., Inc., December 30, 1949.

Log:	Thickness (feet)	Depth (feet)
Loam .....	1	1
Coarse sand and gravel .....	34	35
Coarse sand and grit .....	28	63
Medium sand with layers of white clay .....	9	72
Fine sandy white clay .....	9	81
Fine white sand and lumps of white clay .....	12	93
Fine white sand, reddish clay, pieces of sandstone .....	11	104
Fine white sand, reddish clay .....	5	109
Fine white sand, clay and mica .....	37	146
Fine white sand, brown clay and mica.....	9	155
Blue sandy clay, mica and hard pan .....	12	167
Fine white sand, brownish clay, mica, silt, hard pan .....	23	190
Fine yellow sand, yellow clay, mica, silt, hard pan .....	21	210
Fine brown sand, some yellow clay, mica and hard pan .....	36	246
Fine sandy light yellow clay, mica and hard pan .....	11	257
Fine yellow sand and mica .....	2	259
Fine yellow sand, lumps of clay, mica, hard pan .....	26	285
Medium fine sand with some lumps of white clay and hard pan .....	18	303
Fine brown sand, clay, mica and hard pan .....	4	307

Casing: 12 inches.

Screen: 52 feet of 12 inch with bottom at 304 feet.

Pumping test:

September 26, 1949.	Duration: .....	8 hours
	Static water level: .....	23 feet
	Drawdown: .....	74 feet
	Yield: .....	870 gpm

N-3314. (B-6) New York Telephone Co., south of Jefferson Avenue and east of Remsen Street, Lynbrook. Drilled by C. W. Lauman & Co., Inc., February 7, 1950.

Log:	Thickness (feet)	Depth (feet)
Fill .....	20	20
Brown clay .....	10	30
Gray clay .....	13	43
Gray clay with fine gray sand .....	3	46
Fine clean brown sand—sharp .....	5	51
Coarse dark brown sand and gravel .....	3	54
Very fine gray sand clay bound .....	10	64
Fine brown sharp sand—clean .....	9	73
Coarse dark brown sand, some clay and gravel .....	7	80
Casing: 6 inches.		
Screen: 6 feet of 6 inch with bottom at 78 feet.		
Pumping test:		
February 7, 1950. Duration: .....		4 hours
Static water level: .....		12 feet
Yield: .....		105 gpm

N-3350. (B-5) Dr. C. C. Halgren, north of Tanglewood Crossing and west of Ocean Avenue, Lawrence. Drilled by Eastern Well & Pump Co., August 22, 1949.

Log:	Thickness (feet)	Depth (feet)
Top soil .....	2	2
Fine light brown sand .....	6	8
Fine white beach sand .....	5	13
Dirty-fine brown sand, grits .....	4	17
Light brown sand and gravel .....	8	25
Clean fine brown sand and grits .....	7	32
Fine white sand, grits and gravel .....	3	35
Medium light brown sand, grits and gravel .....	6	41
Casing: 4 inches.		
Screen: 8 feet of 4 inch with bottom at 41 feet.		
Static water level: .....		
Yield: .....		
		11 feet
		60 gpm

N-3353. (C-8) George Wicks, south of Hunt Road and east of Wantagh Avenue, Wantagh. Drilled by C. W. Lauman & Co., Inc., August 10, 1949.

Log:	Thickness (feet)	Depth (feet)
Top soil .....	2	2
Coarse brown sand and heavy gravel .....	47	49
Casing: 6 inches.		
Screen: 15 feet of 6 inch with bottom at 47 feet.		
Pumping test:		
August 10, 1949. Duration: .....		1½ hour
Static water level: .....		17 feet
Drawdown: .....		2 feet
Yield: .....		102 gpm

N-3355T. (D-8) U. S. Department of Interior, United States Geological Survey, Round Swamp Road, Plainview. Drilled by C. W. Lauman & Co., Inc., September 1951.

Log:	Thickness (feet)	Depth (feet)
Top soil .....	1	1
Loam and gravel .....	2	3
Coarse brown sand, grit and gravel .....	21	24
Coarse brown sand, grit and lumps of clay .....	20	44
Coarse brown sand and grit .....	29	73
Medium coarse brown sand .....	41	114
Coarse brown sand and grit .....	41	155
Medium fine brown sand .....	11	166
Fine gray sandy clay and layers of clay .....	24	190
Fine brown sand and some clay .....	16	206
Fine gray sandy clay .....	24	230
Fine brown sandy clay .....	26	254
Solid gray clay .....	13	267
Fine brown sand and some clay .....	14	281
Medium fine brown sand, some clay and layers of loam .....	35	316
Medium fine brown sand .....	36	352
Solid gray clay .....	8	360
Layers of medium fine sand and gray sandy clay .....	45	405
Medium fine brown sand .....	10	415
Solid clay .....	9	424
Fine brown sand and some clay .....	14	438
Solid gray clay and pyrite .....	31	469
Medium coarse brown sand .....	9	478
Solid gray clay .....	14	492
Silty clay and layers of lignite .....	14	506
Fine sandy clay and layers of solid clay .....	40	546
Medium fine sand, some clay and layers of solid clay .....	41	587
Medium coarse sand .....	12	599
Medium coarse sand and white clay .....	32	631
Fine sand, white and red .....	12	643
Coarse gravel with some clay.....	18	661
Layers of clay, fine sandy clay and layers of hardpan (cemented gravel conglomerate) (from 1 to 2 ft. apart 2" to 12" thick) .....	67	728
Coarse sand and grit brown .....	12	740
Layers of fine sandy clay, layers of clay and medium brown sand .....	47	787
Solid gray clay .....	84	871
Fine gray sandy clay and layers of pyrite.....	14	885
Solid dark gray clay .....	15	900
Solid red, white, black and gray clay .....	89	989
Layers of fine sand, sandy clay, solid clay and some grit .....	52	1041
Medium coarse white sand .....	10	1051
Medium fine white sand and layers of clay .....	11	1062
Fine gray sandy clay .....	17	1079
Layers of medium fine brown sand, sandy clay and solid clay .....	37	1116
Solid brown clay and gravel .....	17	1133
Medium fine brown sand and layers of clay .....	8	1141
Solid brown clay and gravel .....	76	1217
Rock .....		1248

Casing: 8 and 4 inches.

Screen: 20 feet of 4 inch with bottom at 1092 feet.

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N-3355T. (Continued)

Pumping test:

June 25, 1951. Duration: ..... 7 hours  
 Static water level: ..... 147 feet  
 Drawdown: ..... 35 feet  
 Yield: ..... 80 gpm

Note: This well is used as an observation well only.

N-3360T. (B-7) New York Water Service Corporation, south of Thelma Avenue and east of Sherman Street, Merrick. Drilled by Karlson & Reed, Inc., September 7, 1949.

Log:	Thickness (feet)	Depth (feet)
Loam, dirty brown sand and gravel .....	3	3
Muddy sand and gravel .....	12	15
Clean sand and gravel .....	5	20
Fine sand .....	2	22
Coarse sand and gravel .....	6	28
Fine sand and mica .....	1	29
Dirty sand and gravel .....	4	33
Very fine sand .....	2	35
Fine sand and mica .....	21	56
Gray clay .....	2	58
Muddy sand .....	2	60
Fine dark sand and mica .....	10	70

Casing: 8 inches.

Screen: 10 feet of 8 inch with bottom at 34 feet.

Pumping test:

September 7, 1949. Duration: ..... 4 hours  
 Static water level: ..... 4 feet  
 Drawdown: ..... 15 feet  
 Yield: ..... 60 gpm

Note: Well did not prove satisfactory—site abandoned.

N-3386. (D-6) Irving Jalonack, north of Power House Road and east of Roslyn Road, Roslyn. Drilled by Mathies Well & Pump Co., Inc., September 1, 1949.

Log:	Thickness (feet)	Depth (feet)
Top soil, loam and large stones .....	6	6
Coarse brown sand and large stones .....	6	12
Coarse brown sand, little clay, grits, gravel and few large stones .....	30	42
Clean coarse brown sand, grits, gravel and few large stones .....	42	84
Clean coarse brown sand, grits, gravel .....	38	122

Casing: 4 inches.

Screen: 6 feet of 4 inch with bottom at 122 feet.

Static water level: ..... 90 feet  
 Yield: ..... 20 gpm

N-3411. (B-5) Keystone Yacht Club, Woodmere Boulevard and Bay, Woodmere. Drilled by Fred Habenicht & Sons, October 15, 1949.

Log:	Thickness (feet)	Depth (feet)
Mud, clam shells .....	2	2
Dirty black sand, sea shells and bottles .....	27	29
Black sticky clay .....	4	33
Yellow sand, water bearing (salty) .....	9	42
Mixture of yellow and brown clay .....	39	81
Fine gray sandy clay.....	20	101
Fine gray sand.....	5	106
Coarse gray sand.....	7	113

Casing: 4 inches.

Screen: 5 feet of 1¼ inch with bottom at 113 feet.

Pumping test:

October 8, 1949. Duration: ..... 6 hours  
 Static water level: ..... sea level  
 Drawdown: ..... 16 feet  
 Yield: ..... 9 gpm

N-3412. (C-8) Seaford Fire District, south of Franklin Avenue and west of Washington Avenue, Seaford. Drilled by Karlson & Reed, Inc., November 21, 1949.

Log shows 45 feet of sand and gravel.

Casing: 6 inches.

Screen: 15 feet of 6 inch with bottom at 44 feet.

Pumping test:

November 28, 1949. Duration: ..... 2 hours  
 Static water level: ..... 15 feet  
 Drawdown: ..... 8 feet  
 Yield: ..... 270 gpm

N-3413. (C-8) Seaford Fire District, south of Lincoln Street, east of Conway Street, Seaford. Drilled by Karlson & Reed, Inc., November 22, 1949.

Log shows 46 feet of sand and gravel.

Casing: 6 inches.

Screen: 15 feet of 6 inch with bottom at 45 feet.

Pumping test:

November 28, 1949. Duration: ..... 2 hours  
 Static water level: ..... 14 feet  
 Drawdown: ..... 9 feet  
 Yield: ..... 300 gpm

N-3414. (C-8) Seaford Fire District, south of Jerusalem Avenue and west of Seaman Neck Road, Seaford. Drilled by Karlson & Reed, Inc., November 23, 1949.

Log shows 42 feet of sand and gravel.

Casing: 6 inches.

Screen: 15 feet of 6 inch with bottom at 42 feet.

Pumping test:

November 28, 1949. Duration: ..... 2 hours  
 Static water level: ..... 5 feet  
 Drawdown: ..... 15 feet  
 Yield: ..... 290 gpm

N-3428T. (D-8) Central Park Water District, north of Hay Path Road and west of Central Park Road, Bethpage. Drilled by C. W. Lauman & Co., Inc., December 14, 1949.

Log:	Thickness (feet)	Depth (feet)
Loam .....	2	2
Medium coarse red sand and gravel .....	9	11
Medium coarse sand and gravel .....	26	37
Medium coarse gray sand .....	22	59
Medium fine gray sand .....	36	95
Gray sandy clay .....	15	110
Fine gray sand and lumps of clay .....	9	119
Medium gray sand and some clay .....	14	133
Fine gray sandy clay .....	62	195
Medium coarse brown sand (dirty) .....	30	225
Medium coarse gray sand .....	9	234
Very fine gray sandy clay .....	22	256
Layer of fine brown and gray sand .....	20	276
Solid brown clay .....	1	277
Fine gray sandy clay .....	10	287
Medium fine brown sand .....	13	300
Fine brown sandy clay .....	6	306
Solid black clay .....	23	329
Medium fine brown sand .....	3	332
Fine brown sandy clay .....	18	350
Medium fine brown sand .....	30	380
Fine gray sandy clay .....	6	386
Medium fine gray sand .....	12	398
Medium fine gray sandy clay .....	3	401
Fine brown sandy clay .....	21	422
Medium fine brown sand .....	9	431
Gray sandy clay and layers of clay .....	27	458
Medium fine brown sand and layers of clay .....	11	469
Fine gray sandy clay and layers of clay .....	17	486
Medium fine brown sand .....	7	493
Fine gray sandy clay .....	14	507
Medium fine brown sand .....	5	512
Light gray sandy clay .....	14	526
Layers of clay and medium fine brown sand .....	14	540
Fine gray sandy clay .....	5	545
Medium fine brown sand .....	40	585
Layer of hardpan .....	1	586
Medium fine brown sand .....	9	595
Gray sandy clay .....	16	611

Note: Formation test hole only.

N-3437. (C-7) New York Water Service Corporation, Jefferson Street, Merrick. Drilled by C. W. Lauman & Co., Inc., January 20, 1950.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel .....	6	6
Hard light gray clay .....	2	8
Brown sand and gravel .....	35	43
Medium fine gray sand .....	3	48

Casing: 30 and 12 inches.

Screen: 11 feet of 12 inch with bottom at 45 feet.

N-3437. (Continued)

Pumping test:  
January 20, 1950. Duration: ..... 2 hours  
Static water level: ..... 16 feet  
Drawdown: ..... 24 feet  
Yield: ..... 490 gpm

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N-3443. (D-5) Citizens Water Supply Co., Fairview Avenue, Great Neck. Drilled by Layne-New York Co., Inc., November 7, 1950.

Log:	Thickness (feet)	Depth (feet)
Sandy clay and gravel .....	110	110
Sandy clay hard streaks .....	47	157
Clay .....	25	182
Sand and gravel .....	17	209
Clay hard streaks.....	206	415
Sand and gravel .....	48	463
Hard clay .....		below 463

Casing: 26, 18, 12 and 8 inches.

Screen: 40 feet of 8 inch with bottom at 463 feet.

Pumping test:  
May 15, 1950. Duration: ..... 8 hours  
Static water level: ..... 115 feet  
Drawdown: ..... 121 feet  
Yield: ..... 837 gpm

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N-3444T. (D-7) Jericho Water District, north of Wheatley Road and west of Cedar Swamp Road, Wheatley. Drilled by Long Island Water Supply Co., December 22, 1949.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel .....	50	50
Silt and fine sand .....	20	70
Fine sand .....	10	80
Sand and trace of clay .....	40	120
Fine sand, clay .....	10	130
Sand, fine to coarse .....	50	180
Sand, muscovite and clay .....	90	270
Red sand and clay .....	7	277
Sand—fine to coarse, muscovite and clay .....	53	130
Red, black clay, trace of sand, muscovite .....	15	345
Sand, fine to coarse, muscovite .....	55	410
Gray, pink clay .....	8	418
Fine sand and clay .....	12	430
Light brown clay .....	4	434
Light brown sand .....	6	440
White sandy clay .....	20	460

Note: Test hole only.

N-3448. (B-5) City of Long Beach, north of intersection of Park Avenue and Indiana Avenue, Long Beach. Drilled by American Drilling Co., March 16, 1950.

Log:	Thickness (feet)	Depth (feet)
Beach sand and gravel .....	12	12
Black clay, soft, salty .....	8	20
Coarse beach sand .....	28	48
Medium clay .....	6	54
Coarse water bearing sand .....	36	90
Clay, hard drilling .....	12	102
Gray clay, hard drilling, and wood .....	28	130
Streak of sand and clay .....	77	207
Fine gray sand .....	53	260
Hard clay .....	13	273
Water bearing sand .....	15	288
Firm clay .....	12	300
Streaks of clay and sand .....	33	333
Hard and soft clay with some streaks of sand .....	39	372
Water sand .....	31	403
Streaks of sand and clay .....	47	450
Water sand, good quality .....	46	496
Firm clay, slow drilling .....	26	522
Coarse sand, fine sand on the bottom .....	63	585
Soft clay .....	15	600
Hard clay .....	10	610
Soft clay, streaks of clay and sand .....	103	713
Very hard clay, slow drilling .....	24	737
Soft sandy clay, streaks of sand and gravel .....	118	855
Firm clay .....	140	995
Streaks of very hard clay, medium clay, and lenses of coarse sand, gravel and wood .....	28	1023
Softer clay .....	42	1065
Streaks white Raritan sand and gravel, layers clay .....	15	1080
Streaks of hard and soft red clay .....	72	1152
Streaks of hard and soft red clay, mixed with streaks of white sand and gravel .....	23	1175
Coarse sand, light gray, probably Lloyds .....	44	1219
Casing: 30, 20, 12 and 8 inches.		
Screen: 40 feet of 8 inch with bottom at 1233 feet.		

Pumping test:

March 16, 1950.	Duration: .....	8 hours
	Static water level: .....	2 feet
	Drawdown: .....	64 feet
	Yield: .....	1388 gpm

N-3450 (D-7) Rubber Corporation of America, north of Long Island Railroad and east of New South Road, Hicksville. Drilled by C. W. Lauman & Co., Inc., February 8, 1951.

Log:	Thickness (feet)	Depth (feet)
Pit .....	6	6
Coarse gravel and sand .....	34	40
Hardpan and coarse gravel .....	3	43
Coarse gravel and sand .....	7	50
Sand and clay .....	5	55
Fine sandy clay, some mica .....	3	58
Coarse sand .....	3	61
Sand and clay .....	4	65



N-3450. (Continued)

	Thickness (feet)	Depth (feet)
Coarse sharp gravel and sand, some clay .....	3	68
Fine sand, brown, some clay .....	4	72
Fine gray sand .....	4	76
Fine brown sand, some clay .....	4	80
Streaks of multi-colored clay and hardpan .....	4	84
Fine gray sand, some clay .....	6	90
Fine brown sand with pieces of white clay .....	4	94
Red sandy clay with hardpan .....	1	95
Gray sand .....	6	101
Fine brown sand .....	3	104
Fine gray sand .....	3	107
Gray sandy clay .....	10	117
Fine gray sand—dirty .....	9	126
Medium fine red sand .....	2	128
Fine red sand .....	6	134
Fine red sand (dirty) and hardpan .....	6	140
Medium fine brown sand, clean .....	7	147
Light brown sand, small pieces of clay .....	2	149
Medium fine brown sand and hardpan .....	2	151
Yellow clay .....	3	154
Sandy clay .....	11	165

Casing: 10 inches.

Screen: 27 feet of 6 inch with bottom at 149 feet.

Pumping test:

September 7, 1950. Duration: ..... 4 hours  
 Static water level: ..... 54 feet  
 Yield: ..... 268 gpm

N-3458. (D-6) Penn Stevedoring Corporation, south of Bar Lane and west of West Shore Road, Port Washington. Drilled by C. W. Lauman & Co., Inc., March 8, 1950.

Log:	Thickness (feet)	Depth (feet)
Fill .....	2	2
Gray clay .....	10	12
Coarse brown sand .....	12	24
Fine yellow sand and clay .....	26	50

Casing: 4 inches.

Screen: 14 feet of 2 inch with bottom at 50 feet.

Static water level: ..... 20 feet

Yield: ..... 15 gpm

Note: Water Temperature 55° Fahrenheit.

N-3466. (E-6) New York Water Service Corporation, Glen Cove Pumping Plant Well Field. Drilled by Karlson & Reed, Inc., April 25, 1950.

Log:	Thickness (feet)	Depth (feet)
Loam and top soil .....	4	4
Coarse sand and large gravel.....	18	22
Red sand and gravel .....	8	30
Clay .....	2	32
Fine sand with lumps of clay .....	3	35

(Continued on next page)

N-3466. (Continued)

	Thickness (feet)	Depth (feet)
Clay .....	6	41
Hardpan and stones .....	6	47
Sandy clay .....	33	80
Fine sand .....	28	108
Medium coarse sand and clay.....	2	110
Gravel, sand and clay .....	18	128
Coarse sand and gravel .....	7	135
Coarse sand with lumps of clay .....	3	138
Gray sticky clay .....	4	142
Blue clay, dirty sand and gravel .....	6	148
Sand and gravel, with little clay .....	9	157
Sand and gravel, with lumps of clay .....	3	160
Large lumps of clay .....	3	163
Sand and gravel with lumps of clay .....	2	165
Sand and gravel with little clay .....	3	168
Gravel with small pieces of clay .....	3	171
Sandy clay .....	10	181

Casing: 12 inches.

Screen: 25 feet of 12 inch with bottom at 172 feet.

Pumping test:

April 25, 1950. Duration: ..... 36 hours  
 Static water level: ..... flowing  
 Drawdown: ..... 20 feet  
 Yield: ..... 208 gpm

N-3469. (C-5) Cirenzia Inc., south of Village Avenue and east of Elmont Road, Elmont.  
 Drilled by C. W. Lauman & Co., Inc., February 14, 1950.

Log:	Thickness (feet)	Depth (feet)
Cellar .....	9	9
Medium fine sand .....	8	17
Coarse sand, grits .....	16	33
Medium fine sand, some grits .....	11	44
Coarse sand, large gravel .....	5	49
Medium coarse sand, some grits .....	6	55

Casing: 6 inches.

Screen: 6 feet of 6 inch with bottom at 55 feet.

Pumping test:

February 6, 1950. Static water level: ..... 18 feet  
 Drawdown: ..... 9 feet  
 Yield: ..... 125 gpm

N-3470. (C-5) Village Avenue Associates Inc., east of Elmont Road and north of Village Avenue, Elmont. Drilled by C. W. Lauman & Co., Inc., March 8, 1950.

Log:	Thickness (feet)	Depth (feet)
Cellar .....	12	12
Coarse sand, grit .....	35	47
Coarse brown sand and fine brown sand .....	11	58

Casing: 6 inches.

Screen: 6 feet of 6 inch with bottom at 58 feet.

N-3470. (Continued)

Pumping test:  
February 1, 1950. Static water level: ..... 19 feet  
Drawdown: ..... 10 feet  
Yield: ..... 100 gpm

N-3474. (D-7) Jericho Water District, Cedar Swamp Road and Wheatley Road, Wheatley.  
Drilled by Layne-New York Co., Inc., August 10, 1950.

Log:	Thickness (feet)	Depth (feet)
Sand, gravel and boulders .....	46	46
Sand and coarse gravel .....	10	56
Fine to coarse sand and gravel, streaks of clay .....	75	131
Sand, blue clay .....	12	143
Hard packed sand, lignite .....	65	208
Blue clay .....	8	216
Hard brown sand, streaks of blue clay .....	43	259
Medium coarse sand and clay .....	35	294
Medium coarse sand, white clay .....	13	307
Sandy clay .....	9	316
Coarse sand, thin streaks clay .....	12	328
Hard black clay .....	16	344
Sand and gravel .....	6	350
Sand, streaks of clay .....	9	359
Tough clay .....	2	361
Coarse sand, gravel, streaks of clay .....	11	372
White clay .....	3	375
Medium coarse sand .....	8	383
White clay .....	2	385
Coarse sand and gravel .....	30	415
Tough white clay .....	29	444
Coarse sand and gravel, white clay streaks.....	70	514
Tough white clay .....	29	444
Coarse sand and gravel, white clay streaks .....	70	514
Tough white clay .....		below 514

Casing: 24, 18 and 10 inches.

Screen: 60 feet of 10 inch with bottom at 512 feet.

Pumping test:

June 2, 1950. Duration: ..... 8 hours  
Static water level: ..... 153 feet  
Drawdown: ..... 39 feet  
Yield: ..... 1212 gpm

N-3477. (D-6) Swan Club, Shore Road and Landing Road, Roslyn. Drilled by Fred Habenicht & Sons, February 11, 1950.

Log:	Thickness (feet)	Depth (feet)
Fill .....	7	7
Hard packed sand .....	12	19
Black bay mud .....	4	23
Gray hard clay .....	3	26
Gray sticky clay .....	15	41
Brown sandy clay .....	8	49

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N-3477. (Continued)	Thickness (feet)	Depth (feet)
Brown sand .....	2	51
Coarse yellow sand .....	8	59
Casing: 4 inches.		
Screen: 8 feet of 4 inch with bottom at 59 feet.		
Pumping test:		
February 11, 1950. Duration: .....		4 hours
Static water level: .....		flows
Drawdown: .....		12 feet
Yield: .....		70 gpm

N-3482. (D-7) Long Island Comunity Playhouses, Inc., (Hicksville Playhouse) Marie Street and Broadway, Hicksville. Drilled by Duffield Construction Co., June 16, 1950.

Log:	Thickness (feet)	Depth (feet)
Coarse sand and rock .....	5	5
Large rock .....	5	10
Large stone, some sand .....	30	40
Sand and gravel .....	49	89
Casing: 8 inches.		
Screen: 10 feet of 8 inch with bottom at 89 feet.		
Static water level: .....		65 feet
Yield: .....		250 gpm

N-3484. (D-6) Westbury Theatre Corporation, Post Avenue and Newton Street, Westbury. Drilled by C. W. Lauman & Co., Inc., April 21, 1950.

Log:	Thickness (feet)	Depth (feet)
Fill .....	12	12
Coarse brown sand and heavy gravel .....	17	29
Fine sand and clay .....	31	60
Sandy clay .....	20	80
Solid brown clay .....	46	126
Fine brown sand and lumps of brown clay .....	8	134
Medium coarse brown sand .....	7	141
Fine sand and lumps of clay .....	23	164
Solid light brown clay .....	5	169
Solid gray clay .....	31	200
Casing: 8 inches.		
Screen: 24 feet of 8 inch with bottom at 165 feet.		
Pumping test:		
April 20, 1950. Duration: .....		3 hours
Static water level: .....		30 feet
Drawdown: .....		34 feet
Yield: .....		300 gpm

N-3486. (E-7) Oyster Bay Water District, Mill Hill Road and Shore Road, Oyster Bay. Drilled by Long Island Water Supply Co., Inc., April 7, 1950.

Log:	Thickness (feet)	Depth (feet)
Fill .....	8	8
Clay .....	2	10
Medium brown sand and small gravel .....	10	20

N-3486. (Continued)

	Thickness (feet)	Depth (feet)
Coarse brown sand and small gravel .....	10	30
Coarse brown sand and medium gravel .....	10	40
Coarse brown sand and coarse gravel .....	10	50
Fine brown sand .....	10	60
Medium brown sand and small gravel .....	15	75
Coarse brown sand and coarse gravel .....	5	80
Medium brown sand and coarse gravel .....	10	90
Medium brown sand .....	12	102

Casing: 12 and 20 inches.

Screen: 32 feet of 12 inch with bottom at 102 feet.

Pumping test:

April 7, 1950. Duration: ..... 12 hours  
 Static water level: ..... flows  
 Yield: ..... 500 gpm

N-3488. (C-7) Hicksville Water District, Jerusalem Avenue and Oyster Bay-Hempstead Town Line, Hicksville. Drilled by G. W. Lauman & Co., Inc., May 22, 1951.

Log:	Thickness (feet)	Depth (feet)
Top soil .....	1	1
Loam .....	2	3
Coarse brown sand and grits .....	85	88
Multi-colored sandy clay .....	7	95
Medium coarse brown sand .....	2	97
Multi-colored sandy clay .....	22	119
Fine brown sand .....	25	144
Layers of fine brown sand and sandy clay .....	33	177
Solid gray clay and layers of brown sandy clay .....	25	202
Fine brown sand .....	10	212
Fine gray sand .....	11	223
Fine brown sand .....	5	228
Fine brown sandy clay .....	5	233
Medium fine brown sand .....	6	239
Solid gray clay .....	4	243
Fine brown sandy clay .....	7	250
Fine brown clay .....	18	268
Solid gray clay and sandy clay .....	16	284
Fine brown sand .....	5	289
Streaks of sandy clay, fine sand and hardpan .....	5	294
Fine brown sand .....	4	298
Fine gray sandy clay .....	6	304
Fine brown sand .....	10	314
Multi-colored sandy clay .....	11	325
Fine brown sand (dirty) .....	4	329
Fine gray sandy clay and layers of clay .....	17	346
Fine brown sand .....	3	349
Fine gray sandy clay .....	2	351

Casing: 20 and 12 inches.

Screen: 53 feet of 12 inch with bottom at 168 feet.

Pumping test:

October 7, 1950. Duration: ..... 8 hours  
 Static water level: ..... 44 feet  
 Drawdown: ..... 47 feet  
 Yield: ..... 1540 gpm

N-3493. (E-5) Gustave Schindler, Middle Neck Road, Sands Point. Drilled by C. W. Lauman & Co., Inc., April 17, 1950.

Log:	Thickness (feet)	Depth (feet)
Top soil .....	1	1
Loam and large rocks .....	2	3
Sandy loam and large rocks .....	9	12
Brown coarse sand and large gravel .....	61	73
Medium coarse sand, grits and mica .....	25	98
Fine brown sand and mica .....	2	100

Casing: 4 inches.

Screen: 6 feet of 4 inch with bottom at 100 feet.

Pumping test:

July 21, 1950.	Static water level: .....	84 feet
	Yield: .....	10 gpm

N-3498. (B-8) Town of Oyster Bay, Tobay Beach. Drilled by Long Island Water Supply Co., Inc., May 29, 1950.

Log:	Thickness (feet)	Depth (feet)
Sand .....	40	40
Clay .....	215	255
Clay and fine sand .....	40	295
Sand .....	7	302
Sand and clay .....	6	308
Clay .....	7	315
Sand .....	20	335

Casing: 8 inches.

Screen: 20 feet of 8 inch with bottom at 335 feet.

Pumping test:

May 26, 1950.	Duration: .....	8 hours
	Static water level: .....	30 feet
	Drawdown: .....	30 feet
	Yield: .....	125 gpm

N-3504. (C-5) New York Telephone Company, Lowell Avenue and Tyson Avenue, Floral Park. Drilled by C. W. Lauman & Co., Inc., May 16, 1950.

Log:	Thickness (feet)	Depth (feet)
Open pit .....	9	9
Fill .....	2	11
Medium coarse sand .....	3	14
Medium coarse sand and grits .....	7	21
Coarse sand and grits and gravel .....	62	83

Casing: 6 inches.

Screen: 6 feet of 6 inch with bottom at 83 feet.

Pumping test:

May 16, 1950.	Duration: .....	1/2 hour
	Static water level: .....	36 feet
	Drawdown: .....	14 feet
	Yield: .....	60 gpm

N-3511. (C-5) Westchester Racing Association, Belmont Park, Elmont. Drilled by Artesian Well & Equipment Co. Inc., June 14, 1950.

Log:	Thickness (feet)	Depth (feet)
Top soil clay and sand .....	4	4
Coarse sand and pea size gravel .....	49	53
Medium sand .....	46	99
Coarse sand and gravel .....	21	110
Casing: 6 inches.		
Screen: 10 feet of 6 inch with bottom at 110 feet.		
Pumping test:		
April 19, 1950. Duration: .....		8 hours
Static water level: .....		37 feet
Drawdown: .....		7 feet
Yield: .....		69 gpm

N-3515. (D-7) Molla Furniture Company, north of Fulton Street and east of Bond Street, New Cassel. Drilled by C. W. Lauman & Co., Inc., August 14, 1950.

Log:	Thickness (feet)	Depth (feet)
Topsoil .....	1	1
Coarse sand, grits and gravel .....	39	40
Coarse brown sand .....	7	47
Very fine brown sandy clay .....	26	73
Gray clay .....	3	76
Very fine brown sand and lumps of clay .....	4	80
Medium coarse brown sand .....	9	89
Sandy clay .....	16	105
Casing: 6 inches.		
Screen: 6 feet of 6 inch with bottom at 89 feet.		
Static water level: .....		49 feet
Yield: .....		35 gpm

N-3520. (C-6) Long Island Water Corporation, south of Hempstead Avenue and west of Cleveland Street, Lakeview. Drilled by C. W. Lauman & Co., Inc., September 17, 1951.

Log:	Thickness (feet)	Depth (feet)
Topsoil and sand .....	3	3
Hard brown sand .....	7	10
Brown sand and gravel .....	31	41
Very fine sandy clay, pyrite and lignite .....	49	90
Fine gray sand, dirty .....	5	95
Very fine dark gray clay with layers of pyrite and lignite .....	2	97
Very fine gray sand and mica .....	8	105
Very fine brown sandy clay with pyrite and lignite .....	9	114
Fine gray sand, lignite, dirty .....	2	116
Fine gray sandy clay .....	4	120
Fine gray sandy clay and hardpan .....	7	127
Fine gray sand, dirty .....	8	135
Medium fine gray sand and lignite .....	7	142
Very fine brown sandy clay .....	2	144
Very fine gray sand and clay .....	8	152

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## N-3520. (Continued)

	Thickness (feet)	Depth (feet)
Layers of fine sand and clay .....	1	153
Fine gray sand .....	5	158
Fine gray sand, pieces of clay .....	3	161
Fine gray sand, dirty .....	3	164
Fine gray sand with pieces of clay .....	5	169
Very fine gray sand with layers fine brown sandy clay and lignite .....	8	177
Very fine brown sandy clay, solid .....	4	181
Brown sandy clay .....	3	184
Very fine brown sandy clay, layers of pyrite and lignite .....	5	189

Casing: 24 and 12 inches.

Screen: 52 feet of 12 inch with bottom at 177 feet.

## Pumping test:

March 1, 1951.	Duration: .....	8 hours
	Static water level: .....	7 feet
	Drawdown: .....	106 feet
	Yield: .....	840 gpm

N-3521T. (D-5) Village of Plandome, Stonytown Road, Plandome. Drilled by C. W. Lau-  
man & Co., Inc., May 15, 1950.

Log:	Thickness (feet)	Depth (feet)
Loam .....	1	1
Solid gray clay .....	8	9
Coarse brown sand and grit .....	21	30
Solid gray clay .....	50	80
Coarse gray sand grit and some gravel .....	9	89
Coarse brown sand grit and some gravel .....	30	119
Coarse brown sand grit and lumps of clay and layers of hardpan .....	15	134
Medium coarse brown sand grit and large gravel .....	59	203
Fine brown sand .....	15	218
Solid gray clay and lignite .....	103	321
Fine brown sandy clay .....	22	343
Fine brown sand and some clay .....	10	353
Coarse brown sand .....	11	364
Coarse brown sand clay grit and some gravel .....	4	368
Solid brown clay .....	23	391
Fine brown sand dirty .....	4	395
Medium coarse brown sand .....	4	399
Coarse brown sand and grit .....	7	406

Formation test well only.

For pumping test data see well N-3540 installed 20 feet from test well.

N-3523. (D-5) Manhasset-Lakeville Water District, north of Park Avenue and east of Eakins  
Road, Manhasset. Drilled by Layne-New York Co., Inc., August 16, 1950.

Log:	Thickness (feet)	Depth (feet)
Gravel and boulders .....	98	98
Hard packed sand and gravel .....	66	164
Sand gravel and hard streaks .....	24	188
Hard sand, clay and gravel .....	41	229
Tough clay .....	2	231
Sand and clay .....	56	287



N-3523. (Continued)	Thickness (feet)	Depth (feet)
Coarse sand and fine gravel .....	34	321
Sand and clay .....	10	331
Casing: 38, 20 and 12 inches.		
Screen: 30 feet of 12 inch with bottom at 320 feet.		
Pumping test:		
August 16, 1950.	Duration: .....	8 hours
	Static water level: .....	140 feet
	Drawdown: .....	107 feet
	Yield: .....	1062 gpm

N-3529. (B-6) Lido Theatre, north of East Park Street and west of Long Beach Boulevard, Long Beach. Drilled by C. W. Lauman & Co., Inc., July 20, 1950.

Log:	Thickness (feet)	Depth (feet)
Fill .....	6	6
Fine gray sand .....	2	8
Gray clay .....	6	14
Fine gray sand .....	30	44
Gray clay .....	5	49
Coarse sand and grits.....	4	53
Medium gray sand .....	13	66
Medium brown sand .....	4	70
Coarse brown sand .....	5	75
Coarse brown sand and grits .....	14	89
Medium dark brown sand .....	4	93
Coarse sand grits and gravel .....	7	100
Medium brown sand and grits .....	4	104
Hard gray clay .....	2	106
Casing: 8 inches.		
Screen: 11 feet of 8 inch with bottom at 104 feet.		
Pumping test:		
June 20, 1950.	Duration: .....	1 hour
	Static water level: .....	7 feet
	Yield: .....	150 gpm

N-3534. (C-6) Hofstra College, Hempstead. Drilled by E. K. Hutchinson & Son, November 1, 1950.

Log:	Thickness (feet)	Depth (feet)
Loam and gravel .....	24	24
Clay .....	12	36
Sand and gravel .....	69	105
Casing: 10 inches.		
Screen: 24 feet of 10 inch with bottom at 105 feet.		
Pumping test:		
November 1, 1950.	Duration: .....	4 hours
	Static water level: .....	21 feet
	Drawdown: .....	31 feet
	Yield: .....	330 gpm

N-3535. (D-6) Oliver H. Iselin, Hoagland Road and Cedar Swamp Road, Old Brookville.  
 Drilled by C. W. Lauman & Co., Inc., June 7, 1950.

Log:	Thickness (feet)	Depth (feet)
Topsoil .....	2	2
Fine sand .....	3	5
Medium coarse sand and gravel mix .....	20	25
Sandy loam .....	18	43
Brown fine sand .....	10	53
Sand and heavy gravel .....	21	74
Medium coarse sand (life) .....	5	79

Casing: 6 inches.

Screen: 7 feet of 6 inch with bottom at 79 feet.

Static water level: .....	55 feet
Yield: .....	30 gpm

N-3538. (D-6) Levitt & Sons, Inc., Westbury Road and Campbell Parkway, Albertson.  
 Drilled by C. W. Lauman & Co., Inc., May 31, 1950.

Log:	Thickness (feet)	Depth (feet)
Fill, loose rocks .....	5	5
Coarse brown sand and grits .....	9	14
Sandy clay and 3 inch gravel .....	18	32
Coarse sand and grits .....	17	49
Dark brown medium sand .....	30	79
Coarse gravel and grits .....	12	91
Fine brown sand .....	4	95

Casing: 8 inches.

Screen: 11 feet of 8 inch with bottom at 95 feet.

Static water level: .....	53 feet
Yield: .....	150 gpm

N-3540. (D-5) Village of Plandome, south of Stonytown Road and west of Long Island Railroad, Plandome. Drilled by C. W. Lauman & Co., Inc., June 26, 1951.

Log:	Thickness (feet)	Depth (feet)
Top soil and loam .....	3	3
Hard gray clay .....	7	10
Coarse yellow sand and gravel .....	15	25
Hard gray clay .....	55	80
Sand and heavy gravel .....	15	95
Medium to coarse yellow sand, gravel .....	17	112
Medium coarse sand, gravel and clay .....	8	120
Hard packed sand, some gravel and clay .....	10	130
Medium to coarse brown sand, some gravel .....	20	150
Medium to coarse brown sand and heavy gravel .....	45	195
Medium to coarse brown sand and some gravel .....	12	207

Casing: 12 and 20 inches.

Screen: 52¼ feet of 12 inch with bottom at 155 feet.

Pumping test:

July 20, 1950. Duration: .....	9 hours
Static water level: .....	33 feet
Drawdown: .....	52 feet
Yield: .....	700 gpm

Note: Refer also to N-3521T.

N-3547. (C-7) The Grand Union Company, Division Street and Hempstead Turnpike, Levittown. Drilled by Eastern Well & Pump Co., August 15, 1950.

Log:	Thickness (feet)	Depth (feet)
Cellar .....	10	10
Coarse light brown sand and grits .....	45	55
Casing: 6 inches.		
Screen: 11 feet of 6 inch with bottom at 55 feet.		
Pumping test:		
August 15, 1950. Duration: .....		2 hours
Static water level: .....		25 feet
Yield: .....		124 gpm

N-3552. (C-7) Hicksville Water District, Newbridge Road and Dutch Lane, Hicksville. Drilled by C. W. Lauman & Co., Inc., March 22, 1951.

Log:	Thickness (feet)	Depth (feet)
Topsoil and clay .....	6	6
Coarse sand and gravel .....	85	91
Medium fine multicolored clay .....	10	101
Medium coarse red sand and some gravel .....	36	137
Fine red sand and mica .....	11	148
Brown sandy clay .....	2	150
Fine brown sand .....	7	157
Multicolored sandy clay .....	3	160
Fine brown sand and mica .....	12	172
Fine brown sand .....	3	175
Brown sandy clay .....	10	185
Hard brown sandy clay .....	7	192
Fine brown sandy clay .....	9	201
Casing: 20 and 12 inches.		
Screen: 53 feet of 12 inch with bottom at 169 feet.		
Pumping test:		
November 27, 1950. Duration: .....		8 hours
Static water level: .....		50 feet
Drawdown: .....		30 feet
Yield: .....		1515 gpm

N-3553. (C-7) Hicksville Water District, Wantagh State Parkway and Dutch Lane, Hicksville. Drilled by C. W. Lauman & Co., Inc., May 21, 1951.

Log:	Thickness (feet)	Depth (feet)
Topsoil and loam .....	3	3
Coarse yellow sand and gravel .....	71	74
Yellow muddy sand, streaked with clay .....	31	105
Medium to coarse yellow sand showing particles of clay .....	25	130
Fine gray muddy sand .....	22	152
Soft gray sandy clay .....	88	240
Hard dark gray sandy clay .....	40	280
Yellow sandy clay .....	5	285
Medium to coarse gray sand .....	22	307
Soft gray sandy clay .....	19	326

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N-3553. (Continued)	Thickness (feet)	Depth (feet)
Medium coarse gray sand .....	5	331
Fine gray sand and clay and lumps of clay .....	16	347
Casing: 20 and 12 inches.		
Screen: 53 feet of 12 inch with bottom at 152 feet.		
Pumping test:		
November 17, 1950. Duration: .....		8 hours
Static water level: .....		43 feet
Drawdown: .....		64 feet
Yield: .....		1400 gpm

N-3554. (C-8) Nassau County, Department of Public Works, Herman Avenue and Sophia Street, Bethpage. Drilled by Nassau County, 1950.

Log:	Thickness (feet)	Depth (feet)
Top soil .....	2	2
Coarse sand and gravel, some stones 1/2" to 2" .....	27	29
Light brown sandy clay and gravel .....	4	33
Coarse sand and gravel, some stones 1/2" to 2" .....	11	44
Yellow sandy clay .....	34	78
Fine sand and a little gravel .....	21	99
Yellow sandy clay .....	1	100
Fine brown sand with some clay .....	6	106
Fine sand and grits, small amount of gravel .....	6	112
Fine red sand with some clay mixture .....	5	117
Fine sand with red, sandy clay mixture .....	5	122
Fine light tan sand .....	9	131
Light brown clay .....	8	139
Fine light brown sand .....	21	160
Fine light gray sand .....	14	174
Gray clay and hardpan .....	5	179
Fine gray sand .....	10	189
Light brown, sandy clay .....	3	192
Fine brown sand .....	8	200
Light tan, sandy clay .....	13	213
Blue, sandy clay .....	5	218
Brown hard rock, sand with clay mixture .....	26	244
Fine yellow sand, some clay .....	18	262
Medium coarse brown sand—good water bearing.....	7	269
Dark blue, sandy clay, some stones .....	9	278
Blue jumbo clay .....	12	290
Clay .....		below 290

Note: Test hole only used as observation well.

N-3561. (E-7) Oyster Bay Water District, Shore Road, Oyster Bay. Drilled by Long Island Water Supply Co., Inc., September 5, 1950.

Log:	Thickness (feet)	Depth (feet)
Fill .....	3	3
Dirty blue sandy clay .....	7	10
Coarse brown sand and gravel .....	10	20
Medium brown sand and gravel .....	8	28
Hard brown clay .....	20	48
Hard gray clay .....	18	66
Fine brown sand .....	7	73
Coarse brown sand and gravel .....	11	84

N-3561. (Continued)

	Thickness (feet)	Depth (feet)
Large stones and coarse sand .....	5	89
Coarse brown sand and gravel .....	10	99
Medium brown sand and gravel .....	9	108
Coarse brown sand and gravel .....	9	117
Medium brown sand and gravel .....	4	121

Casing: 12 inch.

Screen: 30 feet of 12 inch, with bottom at 118 feet.

Pumping test:

August 31, 1950.	Duration: .....	8 hours
	Static water level: .....	flowing
	Drawdown: .....	80 feet
	Yield: .....	800 gpm

N-3562. (B-5) Union Free School District No. 20, Marion Street and Waverly Avenue, East Rockaway. Drilled by Eastern Well & Pump Co., October 10, 1950.

Log:	Thickness (feet)	Depth (feet)
Fill .....	6	6
Medium coarse brown sand, gravel and stones .....	12	18
Fine brown sand and gravel, some mica .....	13	31
Fine to medium brown sand, lots of gravel .....	9	40
Coarse light brown sand, grits and gravel.....	20	60

Casing: 6 inches.

Screen: 10 feet of 6 inch with bottom at 55 feet.

Pumping test:

October 3, 1950.	Duration: .....	3 hours
	Static water level: .....	19 feet
	Drawdown: .....	6 feet
	Yield: .....	102 gpm

N-3565. (B-8) Walter Kaufman, Clearwater Avenue and Seminole Avenue, Massapequa. Drilled by Mathies Well & Pump Co., Inc., September 25, 1950.

Log:	Thickness (feet)	Depth (feet)
Beach sand .....	3	3
Bog .....	2	5
Coarse sand and gravel .....	28	33
Coarse sand .....	11	44
Fine sand .....	28	72
Black clay .....	12	84
Sand and black clay .....	12	96
Fine white sand, wood and silt .....	6	102
Fine white sand, streaks of black clay .....	22	124
Fine white sand with gray clay .....	22	146
Black clay .....	1	147
Fine white sand and silt .....	25	172
Black clay .....	7	179
Fine white sand, black clay—water .....	5	184
Black clay .....	1	185
Fine white sand .....	10	195
Coarse white sand .....	13	208

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 206 feet.

Static water level: .....	2½ feet
Yield: .....	8 gpm

N-3568. (E-7) Kohler Bros., Vista Road and Alading Road, Centre Island. Drilled by C. W. Lauman & Co., Inc., July 10, 1950.

Log:	Thickness (feet)	Depth (feet)
Top soil and fine sand .....	5	5
Coarse sand and gravel .....	33	38
Gray silty clay and fine sand .....	80	118
Hard gray clay .....	5	123
Medium coarse sand—life, little water .....	3	126
Very fine sand and clay mixture .....	22	148
Brown clay .....	6	154
Fine muddy sand and mica .....	6	160
Heavy gravel and clean sand .....	6	166

Casing: 4 inches.

Screen: 16 feet of 4 inch with bottom at 166 feet.

Static water level: ..... 2½ feet

N-3569. (D-7) Locust Grove Conduit Corporation, Robins Lane and Long Island Railroad, Hicksville. Drilled by C. W. Lauman & Co., Inc., June 16, 1951.

Log:	Thickness (feet)	Depth (feet)
Coarse sand, gravel and heavy stones .....	23	23
Coarse sand, grits and gravel .....	5	28
Coarse sand, gravel, heavy stones and some small boulders .....	47	75
Medium coarse white sand, some grits .....	13	88
White clay with layers of sand and hardpan .....	37	125
White clay .....	14	139
Sandy clay .....	3	142
Gray clay and hardpan .....	7	149
Sandy clay with straths of solid gray clay .....	43	192
Sandy white clay .....	6	198
Sandy yellow clay .....	24	222
Fine sand with clay .....	11	233
Solid gray clay .....	34	267
Sandy gray clay .....	5	272
Fine sand with clay and some hardpan .....	3	275
Solid white clay and hardpan .....	4	279
Very fine sand, clay and mica .....	16	295
Very fine sand, clay, mica and hardpan .....	5	300
Medium fine sand, some clay and mica .....	5	305
Medium fine sand, clay and hardpan .....	5	310
Fine sand, mica, clay and hardpan .....	6	316
Medium coarse sand, lumps of white clay, some grit .....	5	321
Fine sand, mica, hardpan, little clay .....	5	326
Medium coarse sand, hardpan .....	2	328
Gray clay and hardpan .....	1	329
Very fine sand, silt and claylike quicksand .....	2	331
Rubbery clay with silt and hardpan .....	4	335
Fine sand and clay .....	1	336
Medium coarse sand, some clay and hardpan .....	1	337
Hard sandy clay .....	7	344
Fine sand, some lumps of white clay .....	1	345
Medium coarse sand, grits and mica .....	5	350
Coarse sand, grit and some hardpan .....	8	358
Coarse sand, grits and white clay .....	3	361
Coarse gray sand and grit .....	5	366
Coarse yellow sand and grit and gravel .....	2	368
Coarse gray sand, grit and gravel .....	5	373

N-3569. (Continued)	Thickness (feet)	Depth (feet)
Coarse white sand, grit, some gravel .....	2	375
Coarse grayish sand, grit and gravel .....	7	382
Coarse yellow sand, grit and gravel .....	2	384
Medium coarse pink sand, grit, gravel and lumps white sandy clay .....	5	389
Medium coarse red sand, grit, gravel and lumps gray clay .....	6	395
Coarse brown sand, grit, gravel and lumps of gray clay .....	4	399
Coarse pinkish sand, grit, gravel, lumps white clay .....	below	399

Casing: 16 inches.

Screen: 50 feet of 8 inch with bottom at 402 feet.

Pumping test:

June 4, 1951. Duration: ..... 2 hours  
 Static water level: ..... 104 feet  
 Drawdown: ..... 98 feet  
 Yield: ..... 1000 gpm

N-3570. (B-7) Town of Hempstead, Merrick Road and Meadowbrook Parkway, Merrick.  
 Drilled by C. W. Lauman & Co., Inc., November 10, 1951.

Log:	Thickness (feet)	Depth (feet)
Loam and gravel .....	3	3
Medium coarse sand and grit .....	8	11
Coarse brown sand, grit and gravel .....	22	33
Medium coarse white sand and gravel .....	7	40
Solid gray clay .....	18	58
Sand, gravel with clay .....	7	65
Dirty white sand, grit and some clay .....	13	78
Medium fine sand, grit and mica .....	20	98
Fine sand, mica, layers of clay and wood .....	22	120
Medium coarse sand, grits and lumps of clay .....	2	122
Fine white sand, mica and white clay .....	9	131
Very fine gray sand, mica and lumps of clay .....	18	149
Very fine white sand, with clay .....	2	151

Casing: 8 inches.

Screen: 16 feet of 8 inch with bottom at 129 feet.

Pumping test:

September 4, 1950. Duration: ..... 8 hours  
 Static water level: ..... flows  
 Drawdown: ..... 31 feet  
 Yield: ..... 267 gpm

N-3579. (C-6) Woodall Industries, Guinea Woods Road and Westbury Avenue, Carle Place.  
 Drilled by Eastern Well & Pump Co., September 26, 1950.

Log:	Thickness (feet)	Depth (feet)
Fill .....	6	6
Sand and gravel, large stones .....	2	8
Hard packed sand and gravel—(dirty) .....	3	11
Coarse light brown sand and gravel .....	2	13
Fine to medium brown sand and gravel .....	50	63
Same as above with clay and hardpan .....	2	65

(Continued on next page)

N-3579. (Continued)

	Thickness (feet)	Depth (feet)
Very fine uniform light brown sand, fairly clean, some mica .....	8	73
Muddy sand and clay .....	4	77

Casing: 6 inches.

Screen: 5 feet of 4 inch with bottom at 6 feet.

Pumping test:

September 26, 1950.	Duration: .....	2 hours
	Static water level: .....	22 feet
	Drawdown: .....	5 feet
	Yield: .....	20 gpm

Note: All measurements are from building floor.

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N-3581. (B-6) A. M. A. Corporation, west of Lawson Blvd. and south of Weidner Avenue, Oceanside. Drilled by Eastern Well & Pump Co., October 6, 1950.

Log:	Thickness (feet)	Depth (feet)
Fill .....	4	4
Bog .....	2	6
Dirty light brown sand and gravel .....	4	10
Dark grayish brown sand and gravel .....	6	16
Fine to medium light brown sand & gravel .....	14	30
Gray clay .....	1	31
Fine to medium light brown sand & gravel .....	25	56
Hard gray clay .....		below 56

Casing: 6 inch.

Screen: 11 feet of 6 inch, with bottom at 56 feet.

Pumping test:

September 9, 1950.	Duration: .....	2 hours
	Static water level: .....	4½ feet
	Drawdown: .....	12 feet
	Yield: .....	82 gpm

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N-3582. (C-7) Levitt & Sons, Inc., Center Lane and Mill Lane, Hicksville. Drilled by C. W. Lauman & Co., Inc., December 15, 1950.

Log:	Thickness (feet)	Depth (feet)
Medium brown sand and gravel .....	20	20
Coarse brown sand, grits and large gravel .....	59	79

Casing: 10 inches.

Screen: 21 feet of 8 inch with bottom at 79 feet.

Pumping test:

September 5, 1950.	Duration: .....	8 hours
	Static water level: .....	23 feet
	Drawdown: .....	10 feet
	Yield: .....	300 gpm



N-3584 (C-7) Levitt & Sons, Inc., Levittown Parkway and Beach Lane, Levittown. Drilled by C. W. Lauman & Co., Inc., October 11, 1950.

Log:	Thickness (feet)	Depth (feet)
Top soil .....	1	1
Loam .....	1	2
Coarse yellow sand, gravel, heavy stones .....	63	65
Coarse sand, grits, gravel .....	6	71
Medium coarse sand, grits, gravel, yellow clay, lumps of white clay, hardpan, mica .....	5	76
Pink sand with clay, lumps white clay, hardpan mica .....	9	85
Sandy yellow clay with layers of hardpan .....	15	100
Medium fine sand with clay and hardpan .....	6	106
Fine sandy white clay and hardpan .....	15	121

Casing: 12 inches.

Screen: 26 feet of 12 inch with bottom at 107 feet.

Pumping test:

October 11, 1950. Duration: ..... 8 hours  
 Static water level: ..... 46½ feet  
 Yield: ..... 600 gpm

N-3594. (B-5) Bildner Big Ben Corporation, Carpenter Avenue and Roosevelt Street, Lynbrook. Drilled by Eastern Well & Pump Co., September 22, 1950.

Log:	Thickness (feet)	Depth (feet)
Fill .....	2	2
Soft sticky clay .....	5	7
Medium sand, not too clean .....	1	8
Coarse clean sand, mostly grits and gravel .....	5	13
Solid sticky clay .....	3	16
Dirty sand and gravel .....	3	19
Alternate layers, stiff black clay, very fine beach sand, very clayey, lignite .....	161	180

Note: Well abandoned.

N-3603. (C-5) Franklin Square Water District, Court House Road and Schroeter Avenue, Franklin Square. Drilled by Layne-New York Co., Inc., April 26, 1951.

Log:	Thickness (feet)	Depth (feet)
Red brown sand .....	35	35
Brown sand, gravel .....	66	101
Sand, gravel, clay .....	59	160
Muddy sand .....	36	196
Black sandy clay .....	74	270
Sand streaks clay .....	65	335
Black clay .....	7	342
Muddy sand .....	39	381
Clay .....	21	402
Muddy sand .....	24	426
Sand .....	54	480
Clay .....	2	482

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N-3603. (Continued)

	Thickness (feet)	Depth (feet)
Sand .....	12	494
Clay .....	4	498

Casing: 24, 18 and 12 inches.  
Screen: 50 feet of 12 inch with bottom at 393 feet.

Pumping test:  
April 26, 1951. Duration: ..... 8 hours  
Static water level: ..... 28 feet  
Drawdown: ..... 104 feet  
Yield: ..... 1005 gpm

N-3605. (C-5) Franklin Square Water District, Doris Street, Arlington Avenue, Franklin Square. Drilled by Layne-New York Co., Inc., February 19, 1951.

Log:

	Thickness (feet)	Depth (feet)
Red sand .....	65	65
Black clay .....	27	92
Sandy clay .....	202	294
Tough clay .....	4	298
Sand gravel, clay streaks .....	86	384
Coarse sand .....	36	420
Coarse sand, clay streaks .....	23	443

Casing: 24, 18 and 12 inches.  
Screen: 40 feet of 12 inch with bottom at 443 feet.

Pumping test:  
February 19, 1951. Duration: ..... 8 hours  
Static water level: ..... 12 feet  
Drawdown: ..... 27 feet  
Yield: ..... 1012 gpm

N-3610. (C-7) Hempstead Division Construction Corporation (J. C. Penney Store), Hempstead Turnpike and Division Avenue, Levittown. Drilled by C. W. Lauman & Co., Inc., January 2, 1951.

Log:

	Thickness (feet)	Depth (feet)
Pit .....	10	10
Very coarse sand and gravel and few large stones .....	35	45
Clean coarse sand, few stones .....	22	67

Casing: 8 inches.  
Screen: 11 feet of 6 inch with bottom at 66 feet.

Pumping test:  
October 5, 1950. Duration: ..... 5 hours  
Static water level: ..... 29 feet  
Drawdown: ..... 4 feet  
Yield: ..... 130 gpm

N-3611. (C-8) Seaford Fire District, Sunrise Highway and Seaman Neck Road, Seaford. Drilled by Joseph J. Kreiger, Inc., November 28, 1950.

Log:

	Thickness (feet)	Depth (feet)
Sand and gravel .....	46	46

Casing: 6 inches.  
Screen: 15 feet of 6 inch with bottom at 45 feet.

N-3611. (Continued)

Pumping test:  
 November 28, 1950. Duration: ..... 1 hour  
 Static water level: ..... 12 feet  
 Drawdown: ..... 10 feet  
 Yield: ..... 290 gpm

N-3618 (C-7) Levitt & Sons, Inc., Jerusalem Avenue and Hempstead Turnpike, Levittown.  
 Drilled by C. W. Lauman & Co., February 8, 1951.

Log:	Thickness (feet)	Depth (feet)
Fill .....	9	9
Coarse sand, gravel, stones .....	49	58
Coarse sand and gravel .....	18	76
Fine sand and layer of fine sandy clay .....	1	77
Sand and gravel, little dirty .....	4	81
Fine brown clayey sand, stratified .....	11	92
Dark gray sandy clay .....	23	115
Brown sandy clay, more sand than above .....	12	127
Black sandy clay .....	8	135
Gray and tan sandy clay .....	20	155
Grayish tan fine clayey sand .....	18	173
Fine brown clayey sand .....	13	186
Grayish brown clayey sand .....	18	204
Gray and black clayey sand and lignite .....	20	224
Medium coarse and fine brown sand, little dirty, lumps of clay and hardpan .....	62	286
Grayish tan fine clayey sand .....	35	321
Dark gray sticky clay .....	5	326
Gray sandy clay .....	17	343
Gray clayey sand, very hard packed .....	10	353
Grayish tan clayey sand (soft), some hardpan .....	18	371
Coarse and fine brown sand, lumps of white gray soft clay, 4" layer of light gray solid clay at 371 feet .....	17	388
Light gray clayey fine sand .....	2	390
Grayish fine and coarse sand, little clayey, small layers of white clay .....	25	415
Thin layer of white clay. Same formation as above, little dirtier .....	5	420

Casing: 16 inches.

Screen: 41 feet of 8 inch with bottom at 420 feet.

Pumping test:  
 February 8, 1951. Duration: ..... 8 hours  
 Static water level: ..... 34 feet  
 Drawdown: ..... 51 feet  
 Yield: ..... 1025 gpm

N-3619. (B-7) Pauline Pospl, Merrick Road and Long Island Railroad, Merrick. Drilled  
 by Mathies Well & Pump Co., Inc., October 20, 1950.

Log:	Thickness (feet)	Depth (feet)
Top soil and loam .....	3	3
Coarse sand and gravel .....	40	43

(Continued on next page)

N-3619. (Continued)

Casing: 4 inches.

Screen: 6 feet of 4 inch with bottom at 43 feet.

Static water level: .....	8 feet
Drawdown: .....	12 feet
Yield: .....	40 gpm

N-3621. (D-4) A. B. Wolosoff, Kings Point Road and Red Brook Road, Kings Point. Drilled by C. W. Lauman & Co., Inc., February 26, 1951.

Log:	Thickness (feet)	Depth (feet)
Gray clay .....	6	6
Boulders .....	3	9
Fine gray sand .....	2	11
Brown coarse sand and gravel .....	21	32
Brown coarse sand and grits .....	8	40
Gray clay .....	9	49

Casing: 8 inches.

Screen: 7 feet of 6 inch with bottom at 40 feet.

Pumping test:

February 26, 1951.	Duration: .....	2 hours
	Static water level: .....	13 feet
	Drawdown: .....	19 feet
	Yield: .....	110 gpm

N-3631. (C-6) Daniel Roberts, St. Paul's Place and Bedell Avenue, Hempstead. Drilled by Ralph L. Marks, December 8, 1950.

Log:	Thickness (feet)	Depth (feet)
Top soil and clay .....	4	4
Fine sand and gravel .....	15	19
Coarse sand and gravel .....	22	41

Casing: 6 inches.

Screen: 6 feet of 6 inch with bottom at 41 feet.

Pumping test:

December 7, 1950.	Duration: .....	5 hours
	Static water level: .....	24 feet
	Drawdown: .....	2 feet
	Yield: .....	58 gpm

N-3632. (C-6) Rivoli Theatre, Main Street, Hempstead. Drilled by C. W. Lauman & Co., Inc., January 2, 1951.

Log:	Thickness (feet)	Depth (feet)
Pit .....	10	10
Coarse brown sand and gravel .....	53	63
Gray sand and clay .....	3	66
Brown sand and clay .....	2	68
Sand, clay, hardpan and some gravel .....	2	70

N-3632. (Continued)

	Thickness (feet)	Depth (feet)
Coarse brown sand .....	10	80
Light brown sand and clay .....	4	84
Brown sand, clay and hardpan .....	2	86
Gray sand, clay and some hardpan .....	19	105
Gray and brown sand and clay .....	5	110
Very fine brown sand and clay .....	5	115
Coarse brown sand .....	8	123
Medium coarse brown sand and lumps of clay .....	2	125
Coarse brown sand and clay .....	3	128
Coarse brown sand .....	5	133
Gravel with lumps of clay .....	1	134
Medium coarse brown sand .....	3	137

Casing: 12 and 6 inches.

Screen: 23 feet of 6 inch with bottom at 137 feet.

Pumping test:

January 2, 1951.	Duration: .....	4 hours
	Static water level: .....	17 feet
	Drawdown: .....	30 feet
	Yield: .....	600 gpm

N-3634. (C-7) Levitt & Sons, Inc., Carman Avenue and Stewart Avenue, Hempstead.  
Drilled by C. W. Lauman & Co., Inc., June 22, 1951.

Log:	Thickness (feet)	Depth (feet)
Pit .....	9	9
Coarse brown sand and gravel .....	39	48
Medium fine brown sand, mica, hardpan and lumps of clay .....	20	68
Fine yellow sand, mica, lumps of clay .....	12	80
Very fine light brown sand, mica .....	12	92
Medium reddish brown sand, mica and small amount of clay .....	12	104
Fine reddish brown sand, mica, lumps of sandy clay .....	7	111
Very fine light brown sand, mica, white clay .....	13	124
Brown sandy clay .....	26	150

Casing: 12 and 8 inches.

Screen: 21 feet of 8 inch with bottom at 109 feet.

Pumping test:

June 22, 1951.	Duration: .....	2 hours
	Static water level: .....	41 feet
	Drawdown: .....	30 feet
	Yield: .....	410 gpm

N-3637. (B-5) Harold Fromkin, Merrall Drive and Broadway, Lawrence. Drilled by Mathies Well & Pump Co., Inc., November 8, 1950.

Log:	Thickness (feet)	Depth (feet)
Pit .....	6	6
Very fine sand .....	5	11
Coarse sand and gravel .....	22	33

Casing: 4 inches.

Screen: 6 feet of 4 inch with bottom at 33 feet.

Pumping test:

November 8, 1950.	Duration: .....	2 hours
	Static water level: .....	9 feet
	Drawdown: .....	12 feet
	Yield: .....	64 gpm

N-3640. (B-6) H. C. Bohack Co., Inc., South Grove Street and Pine Street, Freeport.  
 Drilled by Sweeney & Gray Co., Inc., November 15, 1950.

Log:	Thickness (feet)	Depth (feet)
Sand .....	31	31
Casing: 6 inches.		
Screen: 8 feet of 6 inch with bottom at 31 feet.		
Pumping test:		
November 15, 1950.	Duration: .....	4 hours
	Static water level: .....	10 feet
	Drawdown: .....	14 feet
	Yield: .....	69 gpm

N-3646. (C-6) Mid Island Center, Inc., Hempstead Turnpike and Front Street, West Hempstead.  
 Drilled by Eastern Well & Pump Co., December 29, 1950.

Log:	Thickness (feet)	Depth (feet)
Fill .....	4	4
Brown sand and grits .....	40	44
Gray clay .....	2	46
Casing: 6 inches.		
Screen: 5 feet of 6 inch with bottom at 44 feet.		
Pumping test:		
December 29, 1950.	Duration: .....	2 hours
	Static water level: .....	26 feet
	Drawdown: .....	2 feet
	Yield: .....	30 gpm

N-3649T. (C-6) Consolidated Lithographing Corporation, Guinea Woods Road, Carle Place.  
 Drilled by C. W. Lauman & Co., Inc., November 17, 1950.

Log:	Thickness (feet)	Depth (feet)
Top soil and loam .....	6	6
Coarse brown sand, grits and gravel .....	58	64
Medium coarse brown sand and lumps of clay .....	20	84
Medium fine yellow sand and clay (very dirty) .....	11	95
Soft black clay and lignite .....	17	112
Medium fine brown sand .....	23	135
Multi-colored clay .....	6	141
Dark gray clay .....	19	160
Very fine gray sandy clay .....	13	173
Medium fine brown sand .....	21	194
Medium fine brown sand and streaks of clay .....	12	206
Solid gray clay layers of fine sandy clay .....	11	217
Fine gray sand and some clay .....	17	234
Solid gray clay .....	9	243
Fine brown sandy clay .....	28	271
Fine gray sand and some clay .....	9	280
Fine gray sandy clay .....	11	291
Fine gray sand and some clay .....	9	300
Multi-colored sandy clay .....	4	304
Static water level: .....		20 feet

Note: Test hole only.

N-3653. (B-5) A. Bring, Adam Road and Waverly Avenue, Hewlett Harbor. Drilled by C. W. Lauman & Co., Inc., March 22, 1951.

Log:	Thickness (feet)	Depth (feet)
Pit .....	4	4
Fine sand .....	2	6
Medium fine sand, grits, gravel .....	36	42
Gray clay .....	5	47

Casing: 4 inches.

Screen: 10 feet of 4 inch with bottom at 42 feet.

Pumping test:

December 13, 1950. Duration: ..... 1 hour  
 Static water level: ..... 14 feet  
 Yield: ..... 66 gpm

N-3667. (D-6) H. C. Bohack Co., Inc., Guinea Woods Road and Powerhouse Road, Old Westbury. Drilled by C. W. Lauman & Co., Inc., June 11, 1951.

Log:	Thickness (feet)	Depth (feet)
Pit .....	7	7
Fill .....	5	12
Coarse sand and gravel .....	22	34
Large stone and gravel .....	21	55
Coarse sand and gravel .....	35	90
Medium sand and gravel .....	16	106
Gravel and sharp sand .....	17	123

Casing: 6 inches.

Screen: 11 feet of 6 inch with bottom at 123 feet.

Pumping test:

May 31, 1951. Duration: ..... 1 hour  
 Static water level: ..... 90 feet  
 Drawdown: ..... 6 feet  
 Yield: ..... 69 gpm

N-3668. (C-6) Incorporated Village of Hempstead, Laurel Avenue and Maple Avenue, Hempstead. Drilled by Layne-New York Co., Inc., February 2, 1953.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel .....	85	85
Clay and wood .....	47	132
Clay and streaks of sand .....	203	335
Sand .....	170	505

Casing: 28, 20 and 12 inches.

Screen: 50 feet of 12 inch with bottom at 499 feet.

Pumping test:

February 2, 1953. Duration: ..... 8 hours  
 Static water level: ..... 19 feet  
 Drawdown: ..... 28 feet  
 Yield: ..... 1265 gpm

N-3669. (D-5) Bing Realty Corporation, Brompton Road and Clent Road, Great Neck.  
 Drilled by E. K. Hutchinson & Son, April 10, 1950.

Log:	Thickness (feet)	Depth (feet)
Loam and stone .....	24	24
Clay and gravel .....	29	53
Various colored white clay mostly .....	12	65
Gravel .....	3	68
White clay .....	7	75
Fine sand and mud becoming coarser .....	52	127
Coarse sand, pieces of white clay .....	10	137
White clay .....		below 137

Casing: 10 inches.

Screen: 20 feet of 10 inch with bottom at 133 feet.

Pumping test:

April 9, 1951.	Duration: .....	8 hours
	Static water level: .....	71 feet
	Drawdown: .....	29 feet
	Yield: .....	170 gpm

N-3672. (C-5) Garden City Park Water District, Marcus Avenue and Denton Avenue,  
 Garden City Park. Drilled by Layne-New York Co., Inc., July 13, 1951.

Log:	Thickness (feet)	Depth (feet)
Yellow sand and coarse gravel .....	77	77
Brown sand and gravel .....	43	120
Fine brown sand and clay streaks .....	35	155
White sandy clay .....	37	192
Fine sand and clay .....	93	285
Medium coarse sand .....	17	302
Blue clay .....	8	310
Coarse sand and clay .....	38	348
Sandy clay .....	6	354
Coarse sand and gravel, clay streaks .....	37	391
Tough clay .....	6	397
Coarse sand and gravel .....	7	404
White clay .....	1	405
Coarse sand and gravel, thin clay streaks .....	42	447
Tough black and red clay .....	34	481

Casing: 24, 18 and 10 inches.

Screen: 40 feet of 10 inch with bottom at 447 feet.

Pumping test:

April 6, 1951.	Duration: .....	8 hours
	Static water level: .....	41 feet
	Drawdown: .....	70 feet
	Yield: .....	1000 gpm

N-3674. (C-8) Food Fair Stores, Inc., Wantagh State Parkway and Hempstead Turnpike,  
 Levittown. Drilled by C. W. Lauman & Co., Inc., May 29, 1951.

Log:	Thickness (feet)	Depth (feet)
Basement or pit .....	7	7
Coarse brown sand and gravel .....	27	34
Medium coarse sand and gravel .....	25	59



N-3674. (Continued)	Thickness (feet)	Depth (feet)
Coarse sand and gravel .....	3	62
Brown clay .....	3	65
Casing: 8 inches.		
Screen: 11 feet of 8 inch with bottom at 60 feet.		
Pumping test:		
May 28, 1951. Duration: .....		1 hour
Static water level: .....		25 feet
Drawdown: .....		3 feet
Yield: .....		69 gpm

N-3678. (D-7) William Willock, Jr., Jericho-East Norwich Road and Muttontown Road, Syosset. Drilled by Long Island Water Supply Co., January 16, 1951.

Log:	Thickness (feet)	Depth (feet)
Loam and hardpan .....	5	5
Hardpan .....	20	25
Coarse stones and gravel .....	65	90
Fine sand .....	40	130
Casing: 6 inches.		
Screen: 10 feet of 6 inch with bottom at 130 feet.		
Pumping test:		
January 15, 1951. Duration: .....		4 hours
Static water level: .....		79 feet
Drawdown: .....		16 feet
Yield: .....		35 gpm

N-3680. (C-7) New York Water Service Corporation, Jerusalem Avenue and Oakfield Avenue, Wantagh. Drilled by C. W. Lauman & Co., Inc., May 3, 1951.

Log:	Thickness (feet)	Depth (feet)
Fill .....	3	3
Muck .....	3	6
Coarse brown sand, gravel .....	15	21
Coarse dark brown sand, grits, gravel .....	28	49
Fine brown sand, mica, few grits .....	4	53
Fine gray sand, mica and a small amount of gray clay .....	13	66
Medium brown sand, mica, brown clay .....	9	75
Very fine gray sand, mica, gray clay .....	16	91
Gray sandy clay .....	27	118
Medium brown sand, mica and a small amount of clay .....	30	148
Medium gray sand, mica, gray clay .....	4	152
Medium dark gray sand, mica, gray clay and pieces of decayed wood .....	4	156
Dark gray sticky clay .....	23	179
Medium fine dark gray sand, mica, some clay lignite .....	30	209
Medium gray sand, mica, lignite .....	9	218
Fine gray sand, mica, gray clay .....	7	225
Gray sandy clay .....	23	248
Medium gray sand, mica, small amount of gray clay .....	5	253
Gray sticky sandy clay .....	21	274
Very fine gray sand, mica, gray clay .....	8	282
Medium fine gray sand, mica .....	15	297

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N-3680. (Continued)	Thickness (feet)	Depth (feet)
Gray sandy clay .....	16	313
Medium fine gray sand, mica, lignite .....	11	324
Medium fine light gray sand, mica, some clay, iron pyrite ....	7	331
Gray sticky sandy clay .....	36	367
Very fine gray sand, mica, lignite .....	6	373
Casing: 12 inches.		
Screen: 58 feet of 12 inch with bottom at 328 feet.		
Pumping test:		
May 2, 1951. Duration: .....		8 hours
Static water level: .....		6 feet
Drawdown: .....		72 feet
Yield: .....		1350 gpm

N-3681. (C-5) Associated Food Stores, Merrick Road near Shaw Avenue, Valley Stream.  
 Drilled by C. W. Lauman & Co., Inc., May 28, 1951.

Log:	Thickness (feet)	Depth (feet)
Pit .....	6	6
Medium sharp sand and gravel .....	34	40
Casing: 4 inches.		
Screen: 6 feet of 4 inch with bottom at 40 feet.		
Pumping test:		
May 10, 1951. Duration: .....		1 hour
Static water level: .....		6 feet
Yield: .....		50 gpm

N-3682. (C-7) Bellmore Construction Corporation, New Theatre, Bedford Avenue and Wilson Avenue, Bellmore. Drilled by C. W. Lauman & Co., Inc., April 2, 1951.

Log:	Thickness (feet)	Depth (feet)
Basement .....	7	7
Coarse brown sand, grits, gravel .....	42	49
Very fine gray sand—dirty .....	3	52
Casing: 6 inches.		
Screen: 5 feet of 6 inch with bottom at 46 feet.		
Pumping test:		
January 26, 1951. Static water level: .....		8 feet
Drawdown: .....		7 feet
Yield: .....		140 gpm

N-3685. (C-6) New York Telephone Co., Fulton Avenue and Terrace Avenue, Hempstead.  
 Drilled by C. W. Lauman & Co., Inc., April 2, 1951.

Log:	Thickness (feet)	Depth (feet)
Pit .....	3	3
Sand and gravel fill .....	5	8
Medium to coarse sand and gravel .....	8	16
Coarse sand and gravel .....	40	56

N-3685. (Continued)	Thickness (feet)	Depth (feet)
Medium to fine yellow sand, some clay .....	39	95
Gray muddy silt .....	35	150

Casing: 8 inches.

Screen: 16 feet of 8 inch with bottom at 56 feet.

Pumping test:

April 2, 1951.	Duration: .....	5 hours
	Static water level: .....	18 feet
	Drawdown: .....	8 feet
	Yield: .....	300 gpm

N-3687. (B-6) City of Long Beach, Long Beach. Drilled by Layne-New York Co., Inc.,  
July 5, 1951.

Log:	Thickness (feet)	Depth (feet)
Sand .....	117	117
Soft clay .....	21	138
Sand .....	34	172
Sandy clay .....	10	182
Gray sand .....	45	227
Sand, clay and wood .....	23	240
Tough clay .....	10	250
Clay, sand and wood .....	59	309
Clay .....	7	316
Clay, sand and wood .....	22	338
Sand, wood and hard streaks .....	82	420
Hard clay .....	6	426
Sand, clay and hard streaks .....	30	456
Sandy clay .....	20	476
Clay and hard streaks .....	16	492
Sand, clay and gravel .....	66	558
Clay, sand and hard streaks .....	25	583
Sand and gravel .....	23	606
Clay, sand and hard streaks .....	18	624
Sand and gravel .....	23	647
Sand, gravel and streaks of clay .....	59	706
Clay and hard streaks of clay .....	72	778
Hard clay .....	12	790
Sand, gravel and hard streaks .....	10	800
Clay, sand and hard streaks .....	23	823
Hard streaks and clay .....	159	982
Sand and hard streaks of clay .....	46	1028
Clay, sand and gravel .....	81	1109
Sand and gravel .....	43	1152
Clay and hard streaks .....	25	1177
Sand and gravel .....	71	1248
Sand, gravel and clay .....	18	1266

Casing: 18, 12 and 8 inches.

Screen: 50 feet of 8 inch with bottom at 1245 feet.

Pumping test:

July 5, 1951.	Duration: .....	8 hours
	Static water level: .....	8 feet
	Drawdown: .....	70 feet
	Yield: .....	1210 gpm

N-3690. (B-5) Louis L. Sternberg, Woodside Drive and Lefferts Road, Hewlett Bay Park.  
 Drilled by Eastern Well & Pump Co., October 25, 1951.

Log:	Thickness (feet)	Depth (feet)
Top soil and fill .....	4	4
Fine brown sand, grits and gravel .....	18	22
Gray clay .....	28	50
Fine to coarse brown sand, grits and gravel .....	10	60

Casing: 6 inches.

Screen: 11 feet of 4 inch with bottom at 60 feet.

Pumping test:

October 25, 1951. Duration: .....	3 hours
Static water level: .....	8 feet
Yield: .....	65 gpm

N-3704. (C-6) West Hempstead-Hempstead Gardens Water District, Birch Street and Long  
 Island Railroad, Hempstead Gardens. Drilled by C. W. Lauman & Co., Inc., June 4, 1951.

Log:	Thickness (feet)	Depth (feet)
Loam .....	3	3
Stratas of tan and brown, sand and gravel .....	14	17
Brown sand, grits and gravel .....	25	42
Light tan sand and gravel, more sand .....	18	60
Brown fine and coarse sand and gravel .....	13	73
Brown sand, grits and gravel, more gravel .....	9	82
Blue gray solid clay .....	9	91
Brown sand, gravel, large gravel .....	4	95
Grayish tan sand and gravel .....	21	116
Tan sand and gravel, more sand than above .....	9	125
Light gray sand and gravel .....	5	130
Tan sand and gravel, more gravel than above .....	18	148
White sand and gravel, more sand than above .....	12	160

Casing: 20 and 16 inches.

Screen: 53 feet of 12 inch with bottom at 159 feet.

Pumping test:

June 4, 1951. Duration: .....	8 hours
Static water level: .....	25 feet
Drawdown: .....	25 feet
Yield: .....	2000 gpm

N-3720. (C-7) Jamaica Water Supply Co., Swale Road, Franklin Square. Drilled by  
 Layne-New York Co., Inc., December 12, 1951.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel .....	28	28
Sandy clay .....	12	40
Clay and streaks of sand .....	58	98
Sand, clay and wood .....	66	164
Clay and streaks of sand .....	23	187
Sandy clay .....	41	228
Tough clay and streaks of sand .....	39	267
Sand and gravel .....	28	295
Clay, sand and gravel .....	10	305

N-3720. (Continued)

	Thickness (feet)	Depth (feet)
Tough clay .....	15	320
Clay, sand and gravel .....	17	337
Sand, gravel and clay streaks .....	24	361
Clay .....	8	369
Sand, clay and wood .....	16	385
Tough clay .....	17	408
Hard packed muddy sand .....	19	427
Tough clay .....	3	430
Sand and gravel .....	23	453
Clay and hard streaks .....	16	469
Sand, fine gravel and some clay .....	51	520
Tough clay .....	22	542
Clay and gravel .....	22	564
Tough clay and hard streaks .....	21	585

Casing: 24, 18 and 12 inches.

Screen: 40 feet of 12 inch with bottom at 516 feet.

Pumping test:

December 12, 1951. Duration: ..... 8 hours  
 Static water level: ..... 8 feet  
 Drawdown: ..... 53 feet  
 Yield: ..... 1400 gpm

N-3733. (D-6) Albertson Water District, Albertson. Drilled by Layne-New York Co., Inc.,  
 August 28, 1952.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel .....	26	26
Hard pan .....	14	40
Sand and gravel .....	20	60
Brown sand .....	49	109
Brown white clay, sand .....	31	140
White sand .....	19	159
White clay .....	11	170
Sand .....	38	208
Clay .....	13	221
Muddy sand .....	37	258
Clay .....	7	265
Muddy sand .....	45	310
Coarse sand .....	40	350
Clay .....	3	353
Sand, clay .....	32	385
Clay .....	18	403
Red sand, gravel .....	21	424
Clay .....	2	426
Sand, gravel .....	28	454
Clay .....	6	460

Casing: 24, 18 and 10 inches.

Screen: 40 feet of 10 inch with bottom at 450 feet.

Pumping test:

August 28, 1952. Duration: ..... 8 hours  
 Static water level: ..... 69 feet  
 Drawdown: ..... 25 feet  
 Yield: ..... 1030 gpm

N-3734. (B-5) Peninsula Laundry, north of John Street and west of Wahl Avenue, Inwood. Drilled by C. W. Lauman & Co., Inc., September 10, 1951.

Log:	Thickness (feet)	Depth (feet)
Vault .....	2	2
Fine brown beach sand .....	7	9
Fine brown sand and grits .....	7	16
Gray sandy clay .....	7	23
Fine gray sand and gravel .....	3	26
Gray clay and clam shells .....	25	51
Fine white beach sand, few stones .....	16	67
Fine brown sand .....	12	79
Gray and brown clay mixed .....	1½	79½
Fine dark brown sand and grits .....	6½	86
Fine dark brown sand .....	9	95
Fine brown sand .....	5	100
Fine sand, few gravel .....	3	103
Very fine brown sand .....	6	109
Fine sand .....	5	114
Medium fine sand and grits .....	10	124
Medium sand, grits, hardpan, gravel .....	14	138
Gray sandy clay and wood .....		below 138

Casing: 6 inches.

Screen: 20 feet of 6 inch with bottom at 138 feet.

Pumping test:

August 30, 1951.	Duration: .....	2	hours
	Static water level: .....	4½	feet
	Drawdown: .....	63	feet
	Yield: .....	165	gpm

N-3736. (C-5) King Kullen Grocery Co., Inc., north of Hillside Avenue and west of Lakeville Road, New Hyde Park, September 7, 1951.

Log:	Thickness (feet)	Depth (feet)
Vault .....	9	9
Fill .....	3	12
Coarse sand and gravel .....	23	35
Fine sand, coarse gravel and grits .....	15	50
Medium sand and grits .....	30	80

Casing: 6 inches.

Screen: 6 feet of 6 inch with bottom at 80 feet.

Pumping test:

June 12, 1951.	Duration: .....	2	hours
	Static water level: .....	57	feet
	Drawdown: .....	6	feet
	Yield: .....	65	gpm

N-3740. (D-5) Arnold Prayer, 13 Hickory Drive, Great Neck. Drilled by E. K. Hutchinson & Son, August 20, 1951.

Log:	Thickness (feet)	Depth (feet)
Loam, clay, coarse stones .....	60	60
Sand and gravel .....	12	72

N-3740. (Continued)

Casing: 8 inches.

Screen: 10 feet of 8 inch with bottom at 72 feet.

Pumping test:

July 2, 1951. Duration: ..... 6 hours  
 Static water level: ..... 50 feet  
 Drawdown: ..... 4 feet  
 Yield: ..... 50 gpm

N-3741. (B-5) Lynbrook Estates Inc., "Medical Center", Union and Atlantic Avenues, Lynbrook. Drilled by C. W. Lauman & Co., Inc., June 17, 1951.

Fill .....	9	9
Sand and gravel .....	5	14
Fine sand and some grits .....	17	31
Gray clay .....	11	42
Fine sand and clay .....	10	52
Gray clay .....	27	79
Sandy light brown clay .....	6	85
Fine white beach sand .....	26	111
Dark gray sandy clay .....	11	122

Casing: 4 inches.

Screen: 16 feet of 4 inch with bottom at 110 feet.

Pumping test:

June 15, 1951. Duration: ..... 6 hours  
 Static water level: ..... 14 feet  
 Drawdown: ..... 8 feet  
 Yield: ..... 69 gpm

N-3742. (D-5) North Hempstead Country Club, Port Washington. Drilled by Layne-New York Co., Inc., February 1, 1952.

Log:	Thickness (feet)	Depth (feet)
Hardpan .....	12	12
Gravel .....	10	22
Sand, gravel and boulders .....	137	159
Clay .....	4	163
Sand, gravel and boulders .....	22	185
Hard streaks and boulders .....	35	210
Brown sand and gravel .....	55	265
Yellow clay .....		below 265

Casing: 12 and 8 inches.

Screen: 30 feet of 8 inch with bottom at 260 feet.

Pumping test:

June 20, 1951. Duration: ..... 8 hours  
 Static water level: ..... 101 feet  
 Drawdown: ..... 13 feet  
 Yield: ..... 300 gpm

N-3744. (E-7) Dr. E. C. Jessup, north of Seawanhaka Road and east of Centre Island Road, Centre Island. Drilled by C. W. Lauman & Co., Inc., June 19, 1951.

Log:	Thickness (feet)	Depth (feet)
Brown clay, heavy sand .....	35	25
Gray clay .....	73	108

(Continued on next page)

## N-3744. (Continued)

	Thickness (feet)	Depth (feet)
Gray clay and stones .....	15	123
Gray clay and fine sand .....	15	138
Coarse sand and gravel .....	10	148
Green clay .....	19	167
Green clay and clam shells .....	19	186
Coarse sand and sand, stones .....	3	189

Casing: 4 inches.

Screen: 11 feet of 4 inch with bottom at 189 feet.

Pumping test:

June 19, 1951. Duration: ..... 1 hour  
 Static water level: ..... 18 feet  
 Yield: ..... 6 gpm

## N-3745. (C-6) Incorporated Village of Rockville Centre, Rockville Centre. Drilled by Layne-New York Co., Inc., June 2, 1952.

Log:	Thickness (feet)	Depth (feet)
Coarse sand and gravel .....	27	27
Fine sand and gravel .....	29	56
Sand, gravel and soft clay .....	38	94
Sand, clay, gravel and wood .....	46	140
Sand, clay and wood .....	67	207
Clay, sand and gravel .....	68	275
Sand, gravel and clay streaks .....	67	342
Sand, wood and clay streaks .....	44	386
Hard packed sand and gravel .....	31	417
Clay .....	5	422
Sand, gravel and clay streaks .....	23	445
Clay and hard streaks .....	9	454
Hard packed sand and clay streaks .....	30	484
Sand and gravel .....	15	499
Clay and hard streaks of sand .....	36	535
Sand and gravel .....	65	600
Clay .....	8	608

Casing: 24, 18 and 12 inches.

Screen: 50 feet of 12 inch with bottom at 592 feet.

Pumping test:

July 24, 1951. Duration: ..... 8 hours  
 Static water level: ..... 20 feet  
 Drawdown: ..... 47 feet  
 Yield: ..... 1344 gpm

## N-3747. (C-6) Garden City Co. (Martins' store), north of Ninth Street and west of Franklin Avenue, Garden City. Drilled by Eastern Well &amp; Pump Co., October 11, 1951.

Log:	Thickness (feet)	Depth (feet)
Pit or cellar .....	11	11
Sand and gravel .....	30	41
Medium coarse brown sand .....	18	59

Casing: 6 inches.

Screen: 10 feet of 6 inch with bottom at 59 feet.

Static water level: ..... 33 feet  
 Yield: ..... 110 gpm



N-3750T. (D-8) East Coast Lumber Co., north of Old Motor Parkway and west of Nassau-Suffolk City Line, Farmingdale. Drilled by C. W. Lauman & Co., Inc., May 15, 1951.

Log:	Thickness (feet)	Depth (feet)
Top soil .....	2	2
Coarse reddish brown sand and gravel .....	8	10
Solid brown clay .....	24	34
Brown clayey sand and some gravel .....	6	40
Coarse brown sand and gravel .....	12	52
Very fine brown sand and mica .....	4	56

Casing: 12 inches.

Note: This was a formation test hole.

N-3752. (D-6) Helena Rubinstein, Inc., south of North Hempstead Turnpike and west of Guinea Woods Road, East Hills. Drilled by C. W. Lauman & Co., Inc., October 11, 1951.

Log:	Thickness (feet)	Depth (feet)
Vault .....	6	6
Sandy clay and gravel .....	2	8
Coarse sand, grits and heavy gravel .....	32	40
Coarse gravel and grits .....	20	60
Medium gravel and grits .....	35	95
Coarse brown sand and grits .....	42	137
Medium brown sand .....	7	144
Brown clay .....	6	150
Sandy clay .....	8	158
Coarse gravel with clay .....	3	161
Coarse sand and gravel .....	7	168
Sandy clay .....	37	205
Coarse sand, gravel and grits .....	4	209
Solid clay .....	1	210
Fine white sand with clay .....	6	216
Fine brown sand with hardpan .....	3	219
White clay .....	4	223
Sandy clay .....	1	224
Sandy clay with streaks of clay .....	2	226
Fine brown sand .....	6	232
White clay .....	6	238
Sandy white clay with streaks of red hardpan .....	2	240
Medium brown sand .....	1	241
Light brown sandy clay with streaks of solid clay and hardpan .....	5	246
Fine white sand with clay .....	2	248
Fine brown sand with clay .....	4	252
Medium brown sand .....	6	258
Medium brown sand and grits .....	2	260
White clay .....	1	261
Sandy clay .....	5	266

Casing: 8 inches.

Screen: 21 feet of 8 inch with bottom at 258 feet.

Pumping test:

August 11, 1951.	Duration: .....	4 hours
	Static water level: .....	151 feet
	Drawdown: .....	61 feet
	Yield: .....	154 gpm

N-3756. (C-5) Food Fair Stores, Inc., north of Hillside Avenue and west of New Hyde Park Road, New Hyde Park. Drilled by C. W. Lauman & Co., Inc., September 14, 1951.

Log:	Thickness (feet)	Depth (feet)
Cellar .....	9	9
Coarse dark brown sand and gravel .....	25	34
Coarse brown sand, large amount of gravel .....	11	45
Coarse brown sand and gravel .....	10	55
Coarse sand, large amount of gravel .....	12	67
Medium coarse sand and grits .....	33	100
Gray clay .....	2	102

Casing: 8 inches.

Screen: 11 feet of 8 inch with bottom at 100 feet.

Pumping test:

August 8, 1951.	Duration: .....	2 hours
	Static water level: .....	62 feet
	Drawdown: .....	16 feet
	Yield: .....	185 gpm

N-3758. (C-6) Laboratory Furniture Co., Inc., north of Old Country Road and east of Motor Parkway, Carle Place. Drilled by C. W. Lauman & Co., Inc., October 4, 1951.

Log:	Thickness (feet)	Depth (feet)
Pit .....	9	9
Coarse sand and large gravel .....	46	55
Coarse sand and gravel .....	9	64
Clean medium sand .....	13	77
Fine brown sand .....	5	82
Medium fine sand .....	3	85
Coarse sand and gravel .....	6	91
Very fine gray sand .....	1	92
Fine sand and gray clay .....	8	100

Casing: 8 inches.

Screen: 11 feet of 8 inch with bottom at 91 feet.

Pumping test:

October 1, 1951.	Duration: .....	2 hours
	Static water level: .....	39 feet
	Drawdown: .....	21 feet
	Yield: .....	240 gpm

N-3760. (B-6) John Geralamo, Saratoga and Austin Boulevards, Island Park. Drilled by Fred Habenicht & Sons, 1951.

Log:	Thickness (feet)	Depth (feet)
Bog .....	3	3
White sand and clay .....	205	208
Dirty white sand .....	61	269

Casing: 4 inches.

Static water level: ..... 3 feet

Note: Well abandoned. Water unfit for domestic use.

N-3775. (B-5) Central Avenue Corporation, Central Avenue and Prospect Avenue, Cedarhurst. Drilled by Eastern Well & Pump Co., September 24, 1951.

Log:	Thickness (feet)	Depth (feet)
Cellar .....	7	7
Sand and gravel .....	16	23
Fine white sand .....	8	31
Medium to fine brown sand, few gravel .....	13	44
Dirty black sand .....		below 44
Casing: 6 inches.		
Screen: 5 feet of 6 inch with bottom at 44 feet.		
Pumping test:		
July 23, 1951. Duration: .....		2 hours
Static water level: .....		17 feet
Drawdown: .....		14 feet
Yield: .....		49 gpm

N-3780. (C-8) New York Water Service Corporation, north of Hunt Road and west of Seaman Neck Road, North Wantagh. Drilled by C. W. Lauman & Co., Inc., November 26, 1951.

Log:	Thickness (feet)	Depth (feet)
Loam and rocks .....	2	2
Coarse sand and gravel .....	56	58
Medium coarse sand and small gravel .....	11	69
Medium fine sand, small amount of grits .....	9	78
Coarse gravel and small amount of sand .....	2	80
Dark medium coarse sand and grits .....	8	88
Light brown coarse sand .....	3	91
Coarse brown sand and large amount of grits .....	10	101
Medium brown coarse sand and grits .....	6	107
Medium gray coarse sand and grits .....	3	110
Medium coarse brown sand and grits .....	3	113
Light brown sand and grits .....	3	116
Light gray coarse sand and grits .....	5	121
Medium fine gray sand, some grits .....	6	127
Medium fine brown sand .....	10	137
Fine gray sandy clay .....	11	148
Medium coarse brown sand .....	5	153
Fine gray sandy clay .....	22	175
Fine gray sand and some clay .....	13	188
Fine gray sandy clay .....	26	214
Fine gray sand .....	4	218
Solid gray clay .....	6	224
Fine brown sand .....	9	233
Layers of fine gray sand and sandy clay .....	58	291
Solid gray clay and lignite .....	5	296
Fine gray sand and some clay .....	49	345
Solid dark gray clay .....	8	353
Fine gray sand and some clay .....	5	358
Fine gray sandy clay and lignite .....	5	363
Solid dark gray clay .....	6	369
Medium fine gray sand and lignite .....	25	394
Fine gray sandy clay and lignite .....	18	412
Dark gray solid clay .....	26	448
Fine gray sandy clay, layers of solid clay and lignite .....	54	502

(Continued on next page)

N-3780. (Continued)

Casing: 16 inches.

Screen: 52 feet of 16 inch with bottom at 141 feet.

Pumping test:

November 14, 1951. Duration: ..... 7 hours  
 Static water level: ..... 16 feet  
 Drawdown: ..... 32 feet  
 Yield: .....1800 gpm

N-3781. (C-5) Long Island Water Corporation, Hendrickson Avenue, Valley Stream.  
 Drilled by Layne-New York Co., Inc., July 17, 1952.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel .....	35	35
Soft sand and clay .....	10	45
Sand, streaks clay .....	15	60
Sand and some clay .....	45	105
Sand, clay and wood .....	15	120
Sandy clay .....	22	142
Clay, gravel and sand .....	42	184
Sand and gravel .....	25	209
Sandy clay .....	81	290
Medium fine sand .....	32	322
Clay and sand .....	13	335
Sand .....	11	346
Tough clay .....	16	362
Gray sand, medium to coarse .....	41	403
Tough clay .....	6	409
Gray medium to coarse sand .....	41	450
Tough clay .....	7	457
Sandy clay .....	20	477
Hard clay .....	18	495
Coarse gray sand and chalk streaks and clay .....	44	539
Clay .....	41	580

Casing: 24, 16 and 10 inches.

Screen: 60 feet of 10 inch with bottom at 430 feet.

Pumping test:

December 4, 1951. Duration: ..... 8 hours  
 Static water level: ..... ground level  
 Drawdown: ..... 71 feet  
 Yield: .....1600 gpm

N-3796. (D-7) George E. Murnane, Brookville Road and Muttontown Road, Muttontown.  
 Drilled by C. W. Lauman & Co., Inc., December 4, 1952.

Log:	Thickness (feet)	Depth (feet)
Top soil .....	2	2
Gray sandy clay, gravel .....	4	6
Coarse sand, heavy gravel .....	20	26
Heavy gravel, boulders, hardpan .....	21	47
Coarse sand and gravel .....	26	73
Fine to medium to coarse sand, gravel, grits .....	42	115
Fine brown sand, grits .....	9	124
Fine brown silt .....	6	130

N-3796. (Continued)	Thickness (feet)	Depth (feet)
Brown sandy clay .....	9	139
Brown sandy clay, grits .....	2	141
Hard gray clay .....	22	163
Medium coarse sand, grits, gravel .....	11	174
Casing: 8 inches.		
Screen: 11 feet of 6 inch with bottom at 173 feet.		
Pumping test:		
November 14, 1952.	Duration: .....	4 hours
	Static water level: .....	126 feet
	Drawdown: .....	12 feet
	Yield: .....	68 gpm

N-3799. (C-8) Food Fair Stores, Inc., north of Hempstead Turnpike and east of Hicks-ville Road, Bethpage. Drilled by C. W. Lauman & Co., Inc., September 24, 1950.

Log:	Thickness (feet)	Depth (feet)
Cellar and pit .....	11	11
Large gravel and coarse sand .....	19	30
Medium coarse sand and grits .....	10	40
Medium fine sand and some grits .....	2	42
Sharp medium coarse sand .....	8	50
Coarse sand and some hardpan .....	3	53
Coarse brown sand .....	5	58
Medium fine reddish sand .....	1	59
Medium coarse brown sand .....	6	75
Casing: 8 inch.		
Screen: 12 feet of 8 inch, with bottom at 72 feet.		
Pumping test:		
September 20, 1951.	Duration: .....	8 hours
	Static water level: .....	28 feet
	Drawdown: .....	14 feet
	Yield: .....	150 gpm

N-3800. (C-5) Food Fair Stores, Inc., north of Seabury Avenue and west of Dogwood Avenue, Franklin Square. Drilled by C. W. Lauman & Co., September 25, 1951.

Log:	Thickness (feet)	Depth (feet)
Basement .....	9	9
Medium coarse sand .....	45	54
White beach sand .....	2	56
White beach sand and white clay mix .....	3	59
Casing: 8 inches.		
Screen: 11 feet of 6 inch with bottom at 56 feet.		
Pumping test:		
September 21, 1951.	Duration: .....	4 hours
	Static water level: .....	16 feet
	Drawdown: .....	16 feet
	Yield: .....	160 gpm

N-3801. (D-5) Food Fair Stores, Inc., north of Cedar Drive and west of Middle Neck Road, Great Neck. Drilled by C. W. Lauman & Co., Inc., September 21, 1951.

Log:	Thickness (feet)	Depth (feet)
Basement .....	9	9
Coarse sand and gravel .....	20	29
Yellow sandy clay .....	16	45
Gray clay .....	35	80
Yellow sandy clay .....	74	154
Yellow clay .....	13	167
Coarse sand, heavy gravel .....	18	185

Casing: 8 inches.

Screen: 11 feet of 8 inch with bottom at 185 feet.

Pumping test:

September 21, 1951.	Duration: .....	4 hours
	Static water level: .....	60 feet
	Drawdown: .....	56 feet
	Yield: .....	175 gpm

N-3802. (C-7) Department of Public Works, Nassau County Jail Farm, north of Long Island Railroad Central Extension and east of Carman Avenue, East Meadow. Drilled by Eastern Well & Pump Co., October 31, 1951.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel .....	50	50
Reddish brown sand, lumps red clay .....	11	61
Medium to fine brown sand .....	10	71
Medium to coarse brown sand, rice gravel .....	6	77
Medium to fine white sand .....	12	89
Medium brown sand .....	25	114
Solid clay .....		below 114

Casing: 8 inches.

Screen: 25 feet of 6 inch with bottom at 112 feet.

Pumping test:

October 6, 1951.	Duration: .....	8 hours
	Static water level: .....	86 feet
	Drawdown: .....	18 feet
	Yield: .....	200 gpm

N-3812T. (B-5) Sutton-In-Lawrence, Meadow Road and Doughty Boulevard, Lawrence. Drilled by C. W. Lauman & Co., Inc., September 29, 1951.

Log:	Thickness (feet)	Depth (feet)
Fine sand, heavy gravel .....	2	2
Blue, gray, brown clay, clam shells .....	1	3
Sand, fine, blue and gray .....	1	4
Clay and sand, fine .....	8	12
Gray, sticky clay .....	4	16
Fine sand, grits and coarse gravel .....	3	19
Fine to coarse sand, grits, medium gravel .....	3	22
Fine to coarse brown sand .....	4	26
Fine to coarse brown sand, grits, gravel .....	5	31
Fine gray sand and gray clay .....	8	39
Fine gray sand, gravel and clay .....	2	41

N-3812T. (Continued)

Casing: 4 inches.

Static water level: ..... 3 feet

Note: This was a formation test hole.

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N-3820. (C-5) Franklin Square Department Store, north of Hempstead Turnpike and west of New Hyde Park Road, Franklin Square. Drilled by C. W. Lauman & Co., Inc., November 23, 1951.

Log:	Thickness (feet)	Depth (feet)
Fill .....	3	3
Coarse brown sand and gravel .....	21	24
Dirty brown sand and grits.....	7	31
Coarse brown clean sand and grits .....	7	38
Coarse brown sand and gravel .....	11	49
Dark brown sand and gravel .....	2	51

Casing: 4 inches.

Screen: 6 feet of 4 inch with bottom at 51 feet.

Pumping test:

October 5, 1951.	Duration: .....	1 hour
	Static water level: .....	25 feet
	Drawdown: .....	4 feet
	Yield: .....	45 gpm

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N-3824. (B-8) H. C. Bohack Co., south of Merrick Road and east of Seaman Neck Road, Seaford. Drilled by Sweeney & Gray Co., Inc., October 8, 1951.

Log:	Thickness (feet)	Depth (feet)
Cellar .....	10	10
Sand .....	30	40

Casing: 6 inches.

Screen: 10 feet of 6 inch with bottom at 40 feet.

Pumping test:

March 6, 1952.	Duration: .....	4 hours
	Static water level: .....	22 feet
	Drawdown: .....	3 feet
	Yield: .....	69 gpm

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N-3826. (B-5) M. Kahn, Ocean Avenue and Tanglewood Crossing, Cedarhurst. Drilled by C. W. Lauman & Co., Inc., July 8, 1952.

Log:	Thickness (feet)	Depth (feet)
Medium coarse brown sand and gravel .....	13	13
Very fine brown sand .....	14	27
Coarse brown sand and grits .....	6	33
Coarse brown sand and gravel .....	8	41

Casing: 4 inches.

Screen: 11 feet of 4 inch with bottom at 41 feet.

Pumping test:

October 31, 1951.	Duration: .....	9 hours
	Static water level: .....	13 feet
	Drawdown: .....	7 feet
	Yield: .....	66 gpm

N-3827. (D-5) George M. Butz, Shelter Rock Road and Northern State Parkway, North Hills. Drilled by C. W. Lauman & Co., Inc., December 24, 1951.

Log:	Thickness (feet)	Depth (feet)
Pit .....	5	5
Sand, gravel, clay and boulders .....	65	70
Gray sand, gravel and clay .....	7	77
Brown sand and gravel less clay .....	26	103
Fine brown sand and clay .....	14	117
Fine brown sand, some clay .....	5	122
Fine reddish brown clayey sand .....	12	134
Fine white clayey sand .....	10	144
Tan fine clayey sand .....	10	154
Brown fine clayey sand .....	10	164
Casing: 4 inches.		
Screen: 7 feet of 4 inch with bottom at 164 feet.		
Pumping test:		
December 17, 1951. Duration: .....		2 hours
Static water level: .....		97 feet
Yield: .....		12 gpm

N-3830. (D-7) Mrs. Michael Gavin, south of Tappentown Road and west of Cedar Swamp Road, Jericho. Drilled by C. W. Lauman & Co., Inc., May 6, 1952.

Log:	Thickness (feet)	Depth (feet)
Loam .....	3	3
Coarse brown sand, gravel, large stones and some clay .....	55	58
Coarse brown sand, mica, some clay .....	6	64
Brown sandy clay, gravel, mica .....	31	95
Medium coarse brown sand, mica .....	7	112
Fine brown sand, mica, some brown clay .....	14	126
Medium coarse brown sand .....	9	135
Fine brown sand, clay, mica .....	17	152
Coarse brown sand, few grits .....	38	190
Casing: 8 inches.		
Screen: 11 feet of 6 inch with bottom at 190 feet.		
Pumping test:		
May 6, 1952. Duration: .....		1 hour
Static water level: .....		154 feet
Drawdown: .....		6 feet
Yield: .....		50 gpm

N-3831. (B-6) Sun Oil Co., south of Maple Court and west of Hampton Road, Oceanside. Drilled by C. W. Lauman & Co., Inc., November 9, 1951.

Log:	Thickness (feet)	Depth (feet)
Mud, dark, sandy .....	18	18
Sand and grits .....	22	40
Fine sand .....	16	56
Yellow sandy clay .....	21	77
Medium sand .....	11	88
Casing: 4 inches.		
Screen: 7 feet of 4 inch with bottom at 88 feet.		



N-3831. (Continued)

Pumping test:  
 November 7, 1951. Duration: ..... 1 hour  
 Static water level: ..... 3 feet  
 Drawdown: ..... 2½ feet  
 Yield: ..... 26 gpm

N-3832. (C-6) Long Island Water Corporation, east of Pennsylvania Avenue and north of Whitehouse Avenue, Roosevelt. Drilled by C. W. Lauman & Co., Inc., December 4, 1951.

Log:	Thickness (feet)	Depth (feet)
Fill .....	10	10
Coarse sand and gravel .....	8	18
Medium fine sand and gravel .....	12	30
Medium fine brown sand .....	4	34
Medium coarse brown sand and gravel .....	4	38
Brown sand and mica .....	2	40
Coarse sand and gravel .....	2	42
Sand and gravel, layers clay .....	3	45
Medium coarse brown sand .....	10	55
Coarse brown sand and gravel .....	3	58
Dark gray sandy clay, some gravel, lignite .....	4	62
Gray coarse sand and gravel, layers clay .....	5	67
Brown sand and gravel, lumps gray clay .....	2	69
Coarse brown sand and gravel .....	5	74
Medium coarse brown sand .....	3	77
Medium fine brown sand, pieces of gray clay .....	13	90
Fine brown sand, pyrite, lignite and hardpan .....	1	91
Medium fine brown sand .....	4	95
Gray sandy clay .....	14	109

Casing: 12 inches.

Screen: 31½ feet of 12 inch with bottom at 95 feet.

Pumping test:  
 November 26, 1951. Duration: ..... 8 hours  
 Static water level: ..... 16¾ feet  
 Drawdown: ..... 53 feet  
 Yield: ..... 780 gpm

N-3833. (C-5) Bildner-Big Ben Corporation, north of Midway Court and east of Franklin Avenue, Valley Stream. Drilled by Eastern Well and Pump Co., November 11, 1951.

Log:	Thickness (feet)	Depth (feet)
Cellar .....	8	8
Coarse brown sand .....	28	36

Casing: 6 inch.

Screen: 5 feet of 4 inch, with bottom at 36 feet.

Pumping test:  
 November 11, 1951. Duration: ..... 3 hours  
 Static water level: ..... 11 feet  
 Drawdown: ..... 5 feet  
 Yield: ..... 60 gpm

N-3838. (D-7) Fairchild Camera & Instrument Corporation, Robbins Lane, Jericho. Drilled by Layne-New York Co., Inc., December 3, 1951.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel .....	78	78
Brown clay .....	8	86
Sand and gravel .....	9	95
Clay .....	2	97
Sand .....	4	111
Clay .....	6	117
Sand and clay .....	12	129
Sandy clay .....	20	149
Sand .....	19	168

Casing: 8 inches.

Screen: 10 feet of 8 inch with bottom at 163 feet.

Pumping test:

December 3, 1951.	Duration: .....	8 hours
	Static water level: .....	105 feet
	Drawdown: .....	17 feet
	Yield: .....	69 gpm

N-3839. (B-6) Sinclair Oil Company, south of Maple Court and east of Hampton Road, Oceanside. Drilled by Mathies Well & Pump Co., Inc., December 6, 1951.

Log:	Thickness (feet)	Depth (feet)
Fill .....	2	2
Coarse sand and gravel .....	3	5
Bog .....	3	8
Medium sand and gray clay .....	12	20
Coarse sand and gravel .....	40	60
Coarse sand, grits and yellow clay .....	19	79
Medium sand .....	6	85
Coarse sand and gravel .....	5	90

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 88 feet.

Pumping test:

December 6, 1951.	Duration: .....	2 hours
	Static water level: .....	3 feet
	Drawdown: .....	1½ feet
	Yield: .....	15 gpm

N-3842. (C-7) George Wicks, north of Southern State Parkway and west of Wantagh Avenue, Wantagh. Drilled by C. W. Lauman & Co., Inc., January 17, 1952.

Log:	Thickness (feet)	Depth (feet)
Loam .....	2	2
Coarse brown sand and gravel .....	13	15
Coarse brown sand, much gravel .....	24	39

Casing: 4 inches.

Screen: 6 feet of 4 inch with bottom at 39 feet.

Pumping test:

January 17, 1952.	Duration: .....	1 hour
	Yield: .....	31 gpm

N-3853. (C-6) Milton Abeles, Inc., south of Second Street and east of Roslyn Road, Mincola. Drilled by Eastern Well & Pump Co., February 11, 1952.

Log:	Thickness (feet)	Depth (feet)
Fill .....	4	4
Coarse sand and light gravel .....	15	19
Coarse sand and heavy gravel .....	40	59

Casing: 6 inches.

Screen: 5 feet of 6 inch with bottom at 58 feet.

Pumping test:

February 11, 1952.	Duration: .....	2 hours
	Static water level: .....	38 feet
	Yield: .....	50 gpm

N-3855. (B-5) Demco, Inc., south of Sunrise Highway and east of Hook Creek Boulevard, Valley Stream. Drilled by Mathies Well & Pump Co., Inc., February 6, 1952.

Log:	Thickness (feet)	Depth (feet)
Fill .....	3	3
Coarse brown sand and grits .....	4	7
Fine brown sand, few grits .....	33	40
Coarse gray sand and gravel .....	2	42
Greenish clay .....		below 42

Casing: 10 inches.

Screen: 20 feet of 8 inch with bottom at 42 feet.

Pumping test:

February 6, 1952.	Duration: .....	3 hours
	Static water level: .....	31½ feet
	Drawdown: .....	14½ feet
	Yield: .....	250 gpm

N-3859. (C-7) Servomechanisms, Inc., south of Stewart Avenue and west of Post Avenue, Westbury. Drilled by Watson & Hazel, July 8, 1952.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel .....	32	32
Fine sand .....	33	65
Fine sand and gray clay .....	5	70
Brown sand and clay .....	80	150
Gray sand and clay .....	11	161
Brown sand .....	6	167
Medium, brown sand .....	5	172
Light gray silt .....	8	180
Black clay .....	4	184
Fine brown sand and clay .....	28	212
Fine gray sand .....	12	223
Brown medium sand .....	57	280

Casing: 8 inches.

Screen: 20 feet of 7½ inch with bottom at 279 feet.

Pumping test:

July 8, 1952.	Duration: .....	8 hours
	Static water level: .....	3 feet
	Drawdown: .....	77 feet
	Yield: .....	200 gpm

N-3860. (D-7) Fairchild Camera & Instrument Corporation, south of Robbins Lane and east of Jericho Turnpike, Jericho. Drilled by Layne-New York Co., Inc.

Log:	Thickness (feet)	Depth (feet)
Gravel and boulders .....	30	30
Heavy gravel .....	30	60
Sand, gravel and clay .....	60	120
Clay, sand and gravel .....	65	185
Sand, gravel and clay .....	27	212
Clay .....	10	222
Hard packed sand .....	32	254
Gravel and clay .....	13	267
Clay and sand .....	25	292
Fine gray sand .....	40	332
Tough clay .....	4	336
Sand and some clay .....	30	366
Clean sand .....	22	388
Sand and gravel .....	68	450
Clay and gravel .....	22	472

Casing: 16 inches.

Screen: 40 feet of 10 inch with bottom at 440 feet.

Pumping test:

March 23, 1952.	Duration: .....	8 hours
	Static water level: .....	110 feet
	Drawdown: .....	26 feet
	Yield: .....	1140 gpm

N-3861. (B-5) United State Geological Survey—Well No. 1, north of Peninsula Boulevard and west of Arlington Avenue, Cedarhurst. Drilled by C. W. Lauman & Co., Inc., April 1, 1952.

Log:	Thickness (feet)	Depth (feet)
Top soil .....	1	1
Coarse brown sand, grit and gravel .....	3	4
Swamp mud .....	2	6
Fine brown sand and mica .....	8	14
Coarse brown sand, grit and gravel .....	20	34
Layers of solid gray clay and fine gray sandy clay .....	8	42
Medium fine brown sand .....	24	66
Solid gray and brown clay .....	6	72
Medium coarse brown sand and grit .....	5	77
Layers of fine brown sand and sandy clay .....	15	92
Layers of solid gray clay and sandy clay .....	7	99
Fine green sandy clay .....	8	107
Layers of fine black sandy clay and solid clay .....	17	124
Solid gray clay .....	14	138
Coarse gray sand, grit and gravel .....	107	245
Medium coarse brown sand and some lignite .....	153	398
Medium coarse brown sand, layers of solid and sandy clay .....	22	420
Medium coarse gray sand, grit and some gravel .....	28	448
Fine gray sandy clay .....	6	454
Medium coarse gray sand, grit and some clay .....	21	475
Fine gray sandy clay .....	22	497
Medium coarse gray sand and some grit .....	42	539
Layers of coarse light gray sand, some gravel, sandy clay and solid clay .....	30	569
Solid white clay .....	14	583

N-3861. (Continued)	Thickness (feet)	Depth (feet)
Fine white sandy clay and layers of white sand .....	26	609
Hard multi-color solid clay and some lignite .....	12	621
Casing: 6 inches.		
Screen: 11 feet of 4 inch with botttom at 533 feet.		
Pumping test:		
April 1, 1952. Duration: .....	2	hours
Static water level: .....	15¾	feet
Drawdown: .....	11	feet
Yield: .....	100	gpm

N-3862. (B-5) United States Geological Survey—Well No. 2, north of Doughty Boulevard and east of W. Meadow Causeway, Lawrence. Drilled by C. W. Lauman & Co., Inc., April 21, 1952.

Log:	Thickness (feet)	Depth (feet)
Top soil .....	1	1
Fine gray sandy clay .....	6	7
Solid gray clay .....	11	18
Coarse brown sand, grit and gravel .....	7	25
Fine brown sand .....	18	43
Medium fine gray sand and layers of clay .....	23	66
Fine brown sand .....	16	82
Medium coarse brown sand and some grit .....	10	92
Medium coarse dark gray sand .....	27	119
Solid gray clay .....	11	130
Fine gray sand, layers of sandy and solid clay .....	23	153
Coarse gray sand, grit, gravel and layers of sandy clay .....	8	161
Medium fine gray sand and layers of sandy clay .....	30	191
Gray sandy clay, layers of solid clay and pyrite .....	18	209
Medium fine gray sand .....	15	224
Hard solid gray clay and layers of lignite .....	35	259
Fine gray sand .....	9	268
Fine gray sandy clay .....	21	289
Medium fine dark gray sand .....	17	306
Fine gray sand, some clay, mica and lignite .....	26	332
Fine gray sandy clay .....	68	400
Fine gray sand and some clay .....	14	414
Fine gray sandy clay, some mica .....	21	435
Medium fine gray sand .....	9	444
Fine gray sandy clay, layers of lignite and solid clay .....	21	465
Solid gray clay .....	17	482
Medium gray sand, some clay .....	6	488
Solid gray clay .....	4	492
Gray sandy clay, lignite, streaks of solid clay .....	15	507
Medium gray sand, mica .....	11	518
Gray sandy clay, mica .....	23	541
Solid gray clay, lignite .....	7	548
Solid gray clay, layers of sandy clay .....	14	562
Medium fine gray sand .....	6	568
Solid gray clay .....	41	609
Solid white clay .....	10	619
Fine white sandy clay .....	34	653
Solid black clay and pyrite .....	40	693
Fine gray sandy clay, mica and lignite .....	15	708
Medium coarse gray sand and some clay .....	8	716

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N-3862. (Continued)

	Thickness (feet)	Depth (feet)
Gray sandy clay, mica .....	6	722
Solid gray clay, streaks of sandy clay .....	6	728
Solid dark gray clay .....	8	736
Fine gray sandy clay and mica .....	23	759
Gray silty clay .....	5	764
Solid black clay, streaks of sandy clay .....	4	768
Solid hard black clay .....	26	794

Casing: 6 inch.

Screen: 10¾ feet of 4 inch with bottom at 307 feet.

Pumping test:

April 21, 1952.	Duration: .....	6	hours
	Static water level: .....	4	feet
	Drawdown: .....	19½	feet
	Yield: .....	100	gpm

N-3864. (B-5) United States Geological Survey—Well No. 4, north of Peninsula Boulevard and west of Mill Road, South Valley Stream. Drilled by C. W. Lauman & Co., Inc., May 5, 1952.

Log:	Thickness (feet)	Depth (feet)
Muck and clay .....	2	2
Coarse brown sand and grit .....	22	24
Solid gray clay .....	18	42
Coarse brown sand, grit and gravel .....	6	48
Fine gray sandy clay .....	5	53
Medium coarse brown sand, grit and gravel .....	16	69
Solid gray clay .....	39	108
Fine gray sandy clay .....	10	118
Solid gray clay .....	20	138
Coarse gray sand, grit, mica and lignite, some clay .....	5	143
Coarse brown sand, mica .....	16	159
Coarse brown sand, grits, gravel and some clay .....	18	177
Coarse brown sandy clay and grits .....	7	184
Coarse brown sand, grit and gravel .....	13	197
Small grit with streaks of clay .....	41	238
Fine gray sandy clay and mica .....	14	252
Fine gray sandy clay, layers of lignite and clay .....	65	317
Fine gray sand, mica, some clay .....	9	326
Medium gray sand, mica .....	13	339
Layers of medium coarse gray sand, fine gray sand and some lignite .....	26	365
Layers of solid clay and medium coarse gray sand .....	13	378
Fine gray sandy clay .....	18	396
Medium gray sand with layers of solid clay .....	27	423
Medium gray sand .....	14	437
Medium coarse gray sand, few grits .....	7	444
Fine gray sand, mica, layers of clay and lignite .....	14	458
Medium fine gray sand, mica .....	19	477
Solid hard gray and red clay .....	42	519
Fine gray sand, some clay and streaks of solid clay .....	32	551
Coarse gray sand, grit, gravel and some clay .....	29	580
Solid hard gray clay and some lignite .....	54	634

Casing: 6 inches.

Screen: 11⅓ feet of 4 inch with bottom at 474⅔ feet.

N-3864. (Continued)

Pumping test:  
 May 5, 1952. Duration: ..... 5 hours  
 Static water level: ..... 21½ feet  
 Drawdown: ..... 25 feet  
 Yield: ..... 20 gpm

N-3865. (B-6) United States Geological Survey—Well No. 5, south of Mott Sreet and west of Long Beach Road, Oceanside. Drilled by C. W. Lauman & Co., Inc., October 21, 1952.

Log:	Thickness (feet)	Depth (feet)
Fill .....	5	5
Bog .....	15	20
Coarse brown sand .....	13	33
Gray clay .....	17	50
Coarse brown sand .....	10	60
Gray sandy clay, grits .....	8	68
Solid gray clay .....	17	85
Medium gray sand .....	7	92
Fine gray sand and layers of lignite .....	6	98
Fine gray sand with gray clay .....	6	104
Medium coarse brown sand .....	6	110
Layers of fine gray sand and sandy clay .....	9	119
Medium fine gray sand .....	11	130
Fine gray sandy clay and lignite .....	7	137
Fine gray sand and layers of sandy clay .....	39	176
Fine gray sand .....	15	191
Layers of solid clay and fine gray sand .....	35	226
Fine gray sand .....	19	245
Layers of solid clay, sandy clay and lignite .....	24	269
Fine gray sand .....	27	296
Solid hard black clay .....	12	308
Layers of gray clay and solid clay .....	11	319
Fine gray sand, some clay and mica .....	14	334
Solid black clay and lignite .....	15	349
Medium fine gray sand, some clay and lignite .....	9	358
Gray sandy clay, mica, layers of lignite and pyrite .....	24	382
Medium gray sand, mica, some clay, lignite .....	26	408
Gray sandy clay, mica, pyrite .....	15	423
Medium fine gray sand, layers of clay and lignite .....	33	456
Fine gray sandy clay, streaks of sand, lignite and pyrite ....	86	542
Medium fine gray sand .....	34	574
Hard gray clay .....	17	591
Fine gray sandy clay .....	6	597
Fine gray sand, mica, layers of solid clay .....	30	627
Coarse gray sand, traces of clay .....	11	638
Hard gray clay .....	8	646
Gray sandy clay .....	12	658
Coarse gray sand, grits, some clay, lignite .....	9	667
Hard gray clay .....	12	679
Gray sandy clay, lignite .....	10	689
Coarse gray sand .....	6	695
Fine gray sand, some clay .....	10	705
Medium coarse gray sand and grit .....	7	712
Fine gray sand, some clay .....	28	740
Hard gray clay .....	15	755
Layers of gray sandy clay, sand, lignite and clay .....	31	786

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N-3865. (Continued)

	Thickness (feet)	Depth (feet)
Hard multi-color clay .....	7	793
Gray sandy clay, layers of solid clay .....	47	840
Solid gray clay and sandy clay .....	9	849

Casing: 6 inches.

Screen: 10 feet of 4 inch with bottom at 564½ feet.

Pumping test:

October 20, 1952.	Duration: .....	24	hours
	Static water level: .....	4	feet
	Drawdown: .....	100	feet
	Yield: .....	100½	gpm

N-3866. (B-5) United States Geological Survey—Well No. 6, north of Piermont Avenue and east of Meadowview Avenue, Hewlett Bay Park. Drilled by C. W. Lauman & Co., Inc., October 15, 1952.

Log:	Thickness (feet)	Depth (feet)
Top soil .....	1	1
Brown clay and gravel .....	3	4
Coarse brown sand and grit .....	11	15
Solid gray clay .....	22	37
Fine gray clay .....	47	84
Coarse brown sand, grit and some clay .....	11	95
Solid gray clay .....	42	137
Medium coarse brown sand .....	6	143
Coarse brown sand .....	44	187
Gray sandy clay, lignite, layers of solid clay .....	30	217
Solid gray clay .....	11	228
Fine gray sandy clay and layers of lignite .....	13	241
Very fine gray sand, mica and some clay .....	61	302
Fine gray sandy clay, layers of solid clay .....	45	347
Fine gray sand, some clay, streaks of solid clay .....	27	374
Solid gray clay .....	12	386
Medium fine gray sand .....	26	412
Solid gray clay, layers of pyrite and solid clay .....	12	424
Medium fine gray sand, some clay and streaks of solid clay .....	7	431
Fine gray sandy clay and layers of lignite .....	11	442
Medium fine gray sand, some clay and streaks of clay .....	6	448
Solid gray clay, streaks of lignite and pyrite .....	3	451

Casing: 6 inches.

Screen: 11½ feet of 6 inch with bottom at 411½ feet.

Pumping test:

October 14, 1952.	Duration: .....	24	hours
	Static water level: .....	2½	feet
	Drawdown: .....	30	feet
	Yield: .....	114	gpm

N-3867. (B-5) United States Geological Survey—Well No. 7, north of Riverdale Road and west of Brook Road, Valley Stream. Drilled by C. W. Lauman & Co., Inc., December 12, 1952.

Log:	Thickness (feet)	Depth (feet)
Fill .....	3	3
Coarse brown sand, grit .....	33	36
Coarse gray sand, grit, gravel and lumps of clay .....	21	57
Fine gray sandy clay .....	27	84



N-3867. (Continued)

	Thickness (feet)	Depth (feet)
Medium fine gray sand .....	23	107
Coarse gray sand and grit .....	43	150
Gray sandy clay, mica, layers of solid clay .....	21	171
Medium fine gray sand, mica and layers of lignite .....	11	182
Solid dark gray clay, layers of lignite and pyrite .....	5	187
Fine gray sandy clay, mica, layers of lignite, pyrite and solid clay .....	18	205
Fine gray sandy clay, mica, layers of solid clay .....	39	244
Medium gray sand, mica, some clay, layers of lignite .....	13	257
Gray sandy clay, layers of solid clay .....	10	267
Fine gray sand, mica, some clay .....	5	272
Solid hard gray clay .....	15	287
Gray sandy clay, layers of lignite and solid clay .....	15	302
Fine gray sand, mica, some clay .....	10	312
Medium gray sand, mica, small amount of clay .....	18	330
Gray sandy clay, layers of solid clay and lignite .....	15	345
Fine gray sand, mica, some clay .....	7	352
Medium fine gray sand .....	9	361
Medium coarse gray sand .....	7	368
Fine gray sand, streaks of sandy clay, lignite and pyrite ....	15	383
Fine gray sand, some clay and mica .....	12	395
Layers of fine gray sand and sandy clay .....	14	409
Fine gray sandy clay .....	19	428
Medium fine gray sand (some clay) .....	13	441
Medium coarse gray sand .....	6	447
Layers of fine gray sand and sandy clay .....	22	469
Layers of medium fine gray sand, some clay and solid clay .....	20	489
Medium fine gray sand .....	16	505
Coarse gray sand, grits, gravel, some clay .....	14	519
Fine gray sand .....	5	524
Coarse light gray sandy clay, streaks of solid clay .....	5	529
Fine gray sand, some clay .....	3	532
Solid hard light gray clay .....	12	544
Fine gray sand, mica .....	3	547
Solid hard light gray clay and layers of medium coarse gray sand .....	2	549

Casing: 6 inches.

Screen: 11½ feet of 6 inch with bottom at 517 feet.

Pumping test:

December 10, 1952.	Duration: .....	26	hours
	Static water level: .....	1	foot
	Drawdown: .....	9	feet
	Yield: .....	83½	gpm

N-3868. (C-7) Wantagh Fire District, south of Gray Lane and west of Wantagh Avenue,  
Wantagh. Drilled by C. W. Lauman & Co., Inc., March 21, 1952.

Log:	Thickness (feet)	Depth (feet)
Top soil and loam .....	2	2
Sand and gravel .....	41	43

Casing: 4 inches.

Screen: 16 feet of 4 inch with bottom at 44 feet.

Pumping test:

March 21, 1952.	Duration: .....	10	hours
	Static water level: .....	13	feet
	Drawdown: .....	12	feet
	Yield: .....	250	gpm

N-3870. (C-7) Wantagh Fire District, north of Sprucewood Drive and west of Wantagh Avenue, Wantagh. Drilled by C. W. Lauman & Co., Inc., March 3, 1952.

Log:	Thickness (feet)	Depth (feet)
Loam .....	2	2
Sand and gravel .....	41	43

Casing: 4 inches.

Screen: 16 feet of 4 inch with bottom at  $44\frac{1}{3}$  feet.

Pumping test:

March 3, 1952.	Duration: .....	1 hour
	Static water level: .....	13 feet
	Drawdown: .....	13 feet
	Yield: .....	290 gpm

N-3871. (C-7) Wantagh Fire District, north of Old Jerusalem Road and east of Wantagh Avenue, Wantagh. Drilled by C. W. Lauman & Co., Inc., March 4, 1952.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel .....	43	43

Casing: 6 inches.

Screen:  $21\frac{1}{2}$  feet of 6 inch with bottom at 44 feet.

Pumping test:

March 4, 1952.	Duration: .....	1 hour
	Static water level: .....	$6\frac{1}{4}$ feet
	Drawdown: .....	$16\frac{1}{4}$ feet
	Yield: .....	420 gpm

N-3875. (B-6) Homelike Laundry, north of Atlantic Avenue and west of Scranton Avenue, Lynbrook. Drilled by C. W. Lauman & Co., Inc., March 11, 1952.

Log:	Thickness (feet)	Depth (feet)
Fill .....	6	6
Coarse brown sand and gravel .....	8	14
Fine beach sand .....	9	23
Coarse brown sand and gravel .....	6	29
Medium fine gray sand, lumps clay .....	8	37
Medium coarse brown sand .....	5	42
Medium coarse brown sand and gravel .....	11	53
Medium coarse brown sand .....	3	56
Coarse brown sand and gravel .....	10	66

Casing: 4 inches.

Screen: 11 feet of 4 inch with bottom at 68 feet.

Pumping test:

February 11, 1952.	Duration: .....	3 hours
	Static water level: .....	$6\frac{1}{2}$ feet
	Drawdown: .....	8 feet
	Yield: .....	100 gpm

N-3876. (C-8) Bethpage Water District, north of Park Lane and west of Rose Street, Bethpage. Drilled by C. W. Lauman & Co., Inc., March 20, 1952.

Log:	Thickness (feet)	Depth (feet)
Loam .....	4	4
Coarse brown sand, grit, gravel and lumps of clay .....	7	11
Coarse brown sand, grit and gravel .....	33	44
Medium coarse brown sand and lumps of clay .....	11	55
Multi-color sandy clay .....	7	62
Fine brown sand and some clay .....	17	79
Medium coarse brown sand and some clay .....	21	100
Fine gray sandy clay .....	10	110
Solid dark gray clay .....	14	124
Medium coarse brown sand .....	16	140
Fine gray sandy clay and layers of solid clay .....	23	163
Fine gray sand .....	10	173
Layers of fine gray sandy clay and multi-color clay .....	66	239
Medium fine gray sand .....	9	248
Fine brown sand, some clay and mica .....	11	259
Fine brown sandy clay .....	23	282
Medium fine brown sand, some clay .....	11	291
Fine brown sandy clay .....	10	301
Medium fine brown sand .....	15	316
Fine brown sandy clay .....	10	326
Layers of fine brown sand and sandy clay .....	9	335
Medium fine brown sand .....	48	383
Fine gray sand and some clay .....	14	397
Layers of fine gray sand and sandy clay .....	11	408

Casing: 16 inches.

Screen: 57½ feet of 12 inch with bottom at 385 feet.

Pumping test:

March 20, 1952.	Duration: .....	8 hours
	Static water level: .....	35 feet
	Drawdown: .....	48 feet
	Yield: .....	1500 gpm

N-3877T. (D-7) Hicksville Water District—south of Northern State Parkway and west of Kuhl Avenue, Hicksville. Drilled by C. W. Lauman & Co., Inc., February 13, 1952.

Log:	Thickness (feet)	Depth (feet)
Top soil .....	1	1
Loam .....	1	2
Coarse brown sand, grits and gravel .....	43	45
Medium coarse brown sand, grits and lumps of clay .....	42	87
Medium fine brown sand .....	62	149
Fine brown sandy clay .....	20	169
Layers of solid brown clay and sandy clay .....	16	185
Medium fine brown sand and some clay .....	31	216
Layers of fine brown sandy clay and solid clay .....	16	232
Layers of fine gray sandy clay and solid clay .....	16	248
Solid gray clay .....	22	270
Fine gray sandy clay .....	51	321
Fine brown sand (some clay) .....	17	338
Layers of fine gray sand and solid clay .....	11	349
Coarse brown sand and clay .....	6	355
Fine gray sandy clay .....	16	371

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N-3877T. (Continued)

	Thickness (feet)	Depth (feet)
Solid gray clay and sandy clay .....	6	377
Coarse brown sand and some clay .....	11	388
Fine gray sand and some clay .....	9	397
Medium fine gray sand .....	10	407
Coarse brown sand, some clay .....	8	415
Solid brown clay .....	3	418
Medium fine gray sand, some clay .....	47	465
Solid brown clay .....	9	474
Medium fine gray sand, some clay .....	22	496
Solid gray clay .....	5	501
Fine gray sand, some clay and gravel .....	3	504
Fine gray sand and some clay .....	10	514
Coarse gray sand, grit and some clay .....	4	518
Fine gray sandy clay .....	6	524
Fine gray sand and some clay .....	8	532
Coarse gray sand, grit, gravel and clay .....	23	555

Casing: 5 $\frac{7}{8}$  inches.

Note: Rotary test hole.

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N-3878T. (D-7) Hicksville Water District, south of Nevada Street and west of Kuhl Avenue, Hicksville. Drilled by C. W. Lauman & Co., Inc., February 26, 1952.

Log:	Thickness (feet)	Depth (feet)
Top soil .....	2	2
Loam .....	4	6
Coarse brown sand, grit and gravel .....	80	86
Medium coarse brown sand, grit and lumps of clay .....	52	138
Medium fine brown sand .....	17	155
Fine gray sand and some clay .....	11	166
Fine gray sandy clay and layers of hard pan .....	15	181
Fine brown sand and some clay .....	37	218
Layers of fine gray sandy clay and solid clay .....	16	234
Fine gray sand and some clay .....	34	268
Fine gray sandy clay .....	40	308
Fine brown sand and some clay .....	24	332
Fine gray sandy clay .....	5	337
Solid brown clay .....	11	348
Fine brown sand .....	4	352
Fine gray sandy clay .....	28	380
Fine brown sand and some clay .....	48	428
Fine brown sandy clay and layers of hardpan .....	21	449
Fine red sand and some clay .....	8	457
Fine gray sandy clay .....	20	477
Fine brown sand and some clay .....	8	485
Layers of gray sandy clay and solid clay .....	41	526
Layers of solid gray clay, sandy clay, grit and gravel .....	29	555
Layers of solid gray clay and sandy clay .....	24	579
Medium coarse brown sand and grit .....	6	585
Solid brown clay .....	22	607

Casing: 5 $\frac{7}{8}$  inches.

Note: Rotary test hole.

N-3879. (B-8) Alfred Imperatti, west of Shore Road and north of Merrick Road, Massapequa. Drilled by Fred Habenicht & Sons, February 16, 1952.

Log:	Thickness (feet)	Depth (feet)
Sand .....	7	7
Black muck .....	7	14
Gray dirty clay and fine sand .....	55	69
Gray-white clay mixture .....	78	147
Very fine dirty sand .....	42	189
Gray dirty sand .....	19	208

Casing: 4 inches.

Screen: 6 feet of  $3\frac{5}{8}$  inch with bottom at 209 feet.

Pumping test:

February 14, 1952.	Duration: .....	3 hours
	Static water level: .....	3 feet
	Drawdown: .....	15 feet
	Yield: .....	12 gpm

N-3881. (C-5) Incorporated Village of Garden City, south of Long Island Railroad and west of Edgemere Road, Garden City. Drilled by Layne-New York Co., Inc., April 3, 1953.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel .....	100	100
Sand and clay streaks .....	40	140
Hard sandy clay .....	43	183
Tough clay .....	12	195
Sandy clay .....	32	227
Fine sand and clay .....	23	250
Sand, gravel and clay streaks .....	34	284
Clay and hard streaks of sand .....	16	300
Sand, clay and wood .....	51	351
Hard-packed sand and gravel .....	54	405
Clay and hard streaks .....	17	422
Sand and gravel .....	49	471
Clay and gravel .....	24	495

Casing: 24 inches.

Screen: 40 feet of 12 inch with bottom at 466 feet.

Pumping test:

April 3, 1953.	Duration: .....	8 hours
	Static water level: .....	26 feet
	Drawdown: .....	101 feet
	Yield: .....	1200 gpm

N-3887. (D-6) Borden Company, north of Old Country Road and east of Glen Cove Road, Carle Place. Drilled by C. W. Lauman & Co., Inc., April 25, 1952.

Log:	Thickness (feet)	Depth (feet)
Dirty sand and gravel .....	22	22
Coarse sand and large gravel .....	9	31
Medium sand and gravel .....	27	58
Coarse sand and gravel .....	4	62

Casing: 6 inches:

Screen:  $11\frac{1}{2}$  feet of 6 inch with bottom at  $63\frac{1}{2}$  feet.

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N-3887. (Continued)

Pumping test:  
 April 25, 1952. Duration: ..... 31½ hours  
 Static water level: ..... 23 feet  
 Drawdown: ..... 4 feet  
 Yield: ..... 72 gpm

N-3892. (E-6) New York Water Service Corporation, south of Seaman Road and east of Timber Road, Glen Cove. Drilled by C. W. Lauman & Co., Inc., November 11, 1953.

Log:	Thickness (feet)	Depth (feet)
Loam .....	5	5
Coarse brown sand, gravel and lumps of clay .....	10	15
Coarse brown sand, grit, large gravel and nigger heads.....	70	85
Coarse brown sand, grit, large gravel and lumps of clay .....	34	119
Medium fine brown sand, some grit .....	54	173
Solid brown clay .....	15	188
Medium fine brown sand .....	6	194
Solid multi-color clay .....	31	225
Medium fine brown sand .....	23	248
Solid multi-color clay .....	8	256
Fine white sand, some clay .....	13	269
Layers of solid gray clay and sandy clay .....	39	308
Fine gray sand and some clay .....	8	316
Solid multi-color clay .....	13	329
Solid gray clay, layers of lignite .....	14	343
Fine gray sandy clay .....	6	349
Fine multi-color sandy clay .....	30	379
Medium fine brown sand .....	6	385
Medium coarse brown sand, grit, some clay and streaks of clay .....	51	436
Layers of solid gray clay and sandy clay .....	9	445
Upper { Casing: 16 inches. Screen: 33¼ feet of 18 inch, bottom 172½ feet.		
Lower { Casing: 12 inches. Screen: 21½ feet of 12 inch with bottom at 246 feet.		

Pumping test:  
 October 7, 1953. Static water level: ..... 87 feet  
 Drawdown: ..... 27 feet  
 Yield: ..... 1100 gpm

N-3893. (C-8) New York Water Service Corporation, north of Hunt Road and west of Seaman Neck Road, North Wantagh. Drilled by C. W. Lauman & Co., Inc., March 31, 1952.

Log:	Thickness (feet)	Depth (feet)
Top soil .....	2	2
Coarse brown sand, gravel and grits .....	87	89
Clay, lignite, streak of sand .....	6	95
Medium fine brown sand .....	55	150
Fine sandy clay .....		below 150
Casing: 16 inches.		
Screen: 53 feet of 14¼ inch with bottom at 151 feet.		
Pumping test: March 31, 1952. Duration: ..... 8 hours Static water level: ..... 18 feet Drawdown: ..... 40 feet Yield: ..... 1739 gpm		

N-3894. (C-7) New York Water Service Corporation, south of John Street and west of Meadowbrook Road, North Merrick. Drilled by C. W. Lauman & Co., Inc., March 24, 1953.

Log:	Thickness (feet)	Depth (feet)
Pit .....	8	8
Coarse sand, grits and gravel .....	32	40
Solid gray clay .....	12	52
Fine gray sand and some gravel .....	10	62
Fine to coarse gray sand .....	9	71
Fine to coarse gray sand and layers of clay .....	5	76
Fine gray sand, streaks of clay and mica .....	9	85
Fine to coarse sand, grits, streaks clay and lignite .....	12	97
Fine to medium gray sand .....	4	101
Layers of fine sand, sandy clay and solid clay .....	1	102
Fine gray sand, mica, streaks of clay .....	4	106
Fine to coarse sand, grits, some clay and lignite .....	38	144
Fine gray sand, lignite, pyrite and mica .....	2	146
Fine gray sand, lignite and mica .....	8	154
Solid gray clay, layers of gray sand .....	3	157
Fine gray sand, layers of clay and lignite .....	7	164
Fine gray sand, mica and lignite .....	12	176
Fine gray sand, layers of clay .....	10	186
Fine gray sand, mica and lignite .....	4	190
Solid gray clay and lignite .....	9	199
Fine gray sand and lignite .....	21	220
Medium coarse gray sand .....	2	222
Layers of gray sand and clay .....	8	230
Gray sandy clay and pyrite .....	5	235
Fine gray sand, mica and lignite .....	15	250
Fine gray sand and mica .....	10	260
Fine gray sand, mica and clay .....	16	276
Fine gray sand, mica .....	8	284
Fine gray sand, mica, layers clay, lignite and pyrite .....	2	286
Solid gray clay layers, sand and lignite .....	2	288
Fine gray sand, mica, lignite, pyrite .....	38	326
Medium coarse gray sand and grits .....	20	346
Medium fine gray sand .....	19	365
Medium dark gray clay .....	1	366

Casing: 16 inches.

Upper{Screen: 26 $\frac{2}{3}$  feet of 18 inch with bottom at 147 feet.  
Lower{Screen: 49 feet of 12 inch with bottom at 361 feet.

Pumping test:

March 23, 1953. Duration: ..... 3 hours  
Static water level: ..... 5 $\frac{2}{3}$  feet  
Drawdown: ..... 24 feet  
Yield: ..... 1641 gpm

N-3898. (D-7) Long Island Lighting Co., south of Old Country Road and east of Long Island Railroad, Hicksville. Drilled by C. W. Lauman & Co., Inc., November 7, 1952.

Log:	Thickness (feet)	Depth (feet)
Vault .....	9	9
Sand, gravel and stones .....	67	76
Yellow brown sand, grits and few gravel .....	9	85
Yellow fine and coarse sand, some grits .....	25	110
Brown fine to coarse sand and gravel .....	28	138

(Continued on next page)

N-3898. (Continued)

Casing: 12 inches.

Screen: 21½ feet of 10 inch with bottom at 129 feet.

Pumping test:

September 15, 1952. Duration: ..... 4 hours  
 Static water level: ..... 58 feet  
 Drawdown: ..... 25 feet  
 Yield: ..... 375 gpm

N-3905. (D-5) Manhasset-Lakeville Water District, north of Northern State Parkway and east of Lakeville Road, Lake Success. Drilled by Layne-New York Co., Inc., June 9, 1952.

Log:	Thickness (feet)	Depth (feet)
Clay .....	8	8
Boulders and sand .....	6	14
Hardpan and boulders .....	24	38
Sand, gravel and boulders .....	55	93
Soft yellow clay .....	12	105
Sand and streaks of clay .....	28	133
Gray clay and sand streaks .....	43	176
Hard packed sand and clay .....	11	187
Sand and gravel .....	6	193
Tough clay .....	13	206
Coarse sand and gravel .....	48	254
Hard clay .....	2	256
Tough clay .....	6	262

Casing: 20 inches.

Screen: 40 feet of 12 inch with bottom at 254 feet.

Pumping test:

June 9, 1952. Duration: ..... 8 hours  
 Static water level: ..... 65 feet  
 Drawdown: ..... 36 feet  
 Yield: ..... 1056 gpm

N-3906. (D-7) Linaco Building Corporation, north of Broadway and east of Swale Street, New Cassel. Drilled by Mathies Well & Pump Co., Inc., April 10, 1952.

Log:	Thickness (feet)	Depth (feet)
Fill .....	4	4
Dark brown sand and gravel .....	1	5
Coarse brown sand and heavy gravel .....	38	43
Brown clay and sand .....	26	69
Fine brown sand .....	3	72
Coarse brown sand .....	4	76

Casing: 4 inches.

Screen: 2 feet of 4 inch with bottom at 71 feet.

Pumping test:

April 10, 1952. Duration: ..... 2 hours  
 Static water level: ..... 47 feet  
 Drawdown: ..... 3½ feet  
 Yield: ..... 18 gpm



N-3907. (D-7) Linaco Building Corporation, north of Prospect Avenue and east of Brooklyn Avenue, New Cassel. Drilled by Mathies Well & Pump Co., Inc., April 19, 1952.

Log:	Thickness (feet)	Depth (feet)
Fill .....	4	4
Gray clay .....	2	6
Dark brown sand .....	4	10
Heavy gravel and coarse sand .....	27	37
Brown clay and coarse sand .....	3	40
Heavy gravel and coarse sand .....	2	42
Brown and white clay .....	30	72
Fine brown sand and white clay .....	24	96
Medium sand and few grits .....	4	100

Casing: 4 inches.

Screen: 2 feet of 3 $\frac{3}{4}$  inch with bottom at 96 feet.

Pumping test:		
April 19, 1952.	Duration: .....	2 hours
	Static water level: .....	54 feet
	Drawdown: .....	4 feet
	Yield: .....	22 gpm

N-3912. (E-5) Eagle Construction Co., north of Astors Lane and east of Port Washington Boulevard, Sands Point. Drilled by Mathies Well & Pump Co., Inc., May 29, 1952.

Log:	Thickness (feet)	Depth (feet)
Sandy loam, gravel and boulders .....	5	5
Coarse sand, gravel and small boulders .....	20	25
Coarse sand, gravel and large stones .....	10	35
Coarse sand and gravel .....	42	77
Coarse brown sand and few grits .....	23	100
Coarse brown sand and gravel .....	5	105

Casing: 6 inches.

Screen: 3 feet of 3 $\frac{3}{4}$  inch with bottom at 104 feet.

Pumping test:		
April 30, 1952.	Duration: .....	2 hours
	Static water level: .....	75 feet
	Drawdown: .....	6 $\frac{1}{2}$ feet
	Yield: .....	30 gpm

N-3913. (B-5) S. Manuel Pearl, south of Neptune Avenue and west of Woodmere Boulevard, Woodmere. Drilled by E. K. Hutchinson & Son, October 29, 1952.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel .....	40	40
Clay .....	15	55
Sand, gravel, water .....	21	76

Casing: 6 inches.

Screen: 10 feet of 6 inch with bottom at 76 feet.

Pumping test:		
July 30, 1952.	Duration: .....	4 hours
	Static water level: .....	6 feet
	Drawdown: .....	14 feet
	Yield: .....	150 gpm

N-3918. (B-8) Wantagh Fire District, south of Naomi Street and east of Ocean Avenue, Wantagh. Drilled by C. W. Lauman & Co., Inc., May 21, 1952.

Log:	Thickness (feet)	Depth (feet)
Medium coarse brown sand and grits .....	7	7
Black muck .....	11	18
Medium coarse white sand and grits .....	19	37
Casing: 4 inches.		
Screen: 16 feet of 4 inch with bottom at 39 feet.		
Pumping test:		
May 15, 1952. Duration: .....		2 hours
Static water level: .....		7 feet
Drawdown: .....		12 feet
Yield: .....		260 gpm

N-3919. (B-8) Wantagh Fire District, east of Island Channel Road and south of Bayview Street, Wantagh. Drilled by C. W. Lauman & Co., Inc., May 12, 1952.

Log:	Thickness (feet)	Depth (feet)
Black muck .....	3	3
Brown sandy clay and grits .....	3	6
Coarse brown sand and grits .....	30	36
Casing: 4 inches.		
Screen: 16 feet of 4 inch with bottom at 38½ feet.		
Pumping test:		
May 12, 1952. Duration: .....		2 hours
Static water level: .....		5 feet
Drawdown: .....		11 feet
Yield: .....		250 gpm

N-3923T. (C-8) Liberty Products Corporation, north of Motor Avenue and east of Woodward Parkway, Farmingdale. Drilled by C. W. Lauman & Co., Inc., May 29, 1952.

Log:	Thickness (feet)	Depth (feet)
Top soil .....	1	1
Clay, sand and gravel .....	4	5
Coarse brown sand, grits, gravel .....	80	85
Coarse brown sand, grits, gravel, lumps of clay .....	27	112
Multi-colored sandy clay .....	13	125
Medium fine brown sand, some clay .....	51	176
Fine gray sandy clay and layers of solid clay .....	7	183
Medium fine gray sand .....	3	186
Solid multi-colored clay .....	5	191
Medium fine brown sand, some clay .....	31	222
Layers of solid clay, gray and sandy clay .....	3	225
Medium fine gray sand .....	21	246
Gray sandy clay .....	2	248
Brown and gray sandy clay, layers of solid clay .....	8	256
Medium coarse brown sand .....	12	268
Medium brown sand and streaks of sandy clay .....	3	271
Solid gray clay, layers of sandy clay .....	11	282
Solid gray clay, layers of lignite .....	15	297
Solid hard gray clay .....	18	315

Casing: 5⅞ inches.

Note: Formation test hole only.

N-3925. (D-7) Coca Cola Bottling Co., south of Cantiague Road and east of Brush Hollow Road, Jericho. Drilled by C. W. Lauman & Co., Inc., August 18, 1952.

Log:	Thickness (feet)	Depth (feet)
Coarse brown sand, gravel, boulders and clay .....	6	6
Coarse brown sand, gravel and large stones .....	61	67
Coarse brown sand, gravel and hardpan .....	3	70
Medium coarse brown sand, mica and lumps of brown clay .....	18	88
Medium fine brown sand, mica and small amount of brown clay .....	6	94
Medium coarse brown sand .....	22	116
Coarse brown sand, grits and gravel .....	18	134
Coarse brown sand .....	10	144

Casing: 8 inches.

Screen: 21¼ feet of 8 inch with bottom at 138 feet.

Pumping test:

August 14, 1952. Duration: ..... 2½ hours  
 Static water level: ..... 63 feet  
 Yield: ..... 300 gpm

N-3926. (B-5) Woodmere Country Club, north of Grove Avenue and east of Broadway, Woodmere. Drilled by C. W. Lauman & Co., Inc., November 12, 1952.

Log:	Thickness (feet)	Depth (feet)
Vault .....	3	3
Sand and gravel .....	14	17
Brown sand and gravel .....	12	29
Layers of reddish-brown clay, clayey brown sand, grits .....	3	32
Gray sandy clay .....	3	35
Gray sticky clay .....	23	58
Gray sand and gravel .....	7	65
Grayish-brown fine sand and grits .....	4	69
Gray sticky clay .....	26	95
Soft gray clay .....	20	115

Casing: 10 inches.

Screen: 13 feet of 10 inch with bottom at 64 feet.

Pumping test:

July 7, 1952. Duration ..... 8 hours  
 Static water level: ..... 9 feet  
 Yield: ..... 450 gpm

N-3927. (D-5) Fred Schumacher, north of Marcus Avenue and east of New Hyde Park Road, New Hyde Park. Drilled by C. W. Lauman & Co., Inc., July 8, 1952.

Log:	Thickness (feet)	Depth (feet)
Top soil and loam .....	2	2
Brown clay and stones .....	8	10
Coarse brown sand, brown clay and stones .....	35	45
Coarse brown sand, heavy gravel and clay .....	15	60
Coarse brown sand and heavy gravel .....	18	78
Coarse, dark-brown sand, gravel and hardpan .....	7	85
Coarse, clean, brown sand and gravel .....	8	93
Fine brown sand and lumps brown clay .....	3	96

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N-3927. (Continued)

Casing: 8 inches.

Screen: 11 feet of 8 inch with bottom at 95 feet.

Pumping test:

July 8, 1952. Duration: ..... 1 hour  
 Static water level: ..... 56 feet  
 Drawdown: ..... 11 feet  
 Yield: ..... 150 gpm

N-3930. (E-7) Acosta Nichols, south of Cove Neck Road and east of Oyster Bay Cove Road, Cove Neck. Drilled by C. W. Lauman & Co., Inc., June 10, 1952.

Log:	Thickness (feet)	Depth (feet)
Marsh .....	6	6
Coarse muddy sand and gravel .....	10	16
Medium coarse brown sand and gravel .....	8	24
Soft gray clay .....	146	170
Hard gray clay .....	15	185
Medium coarse brown sand and gravel .....	9	194

Casing: 6 inches.

Screen: 7½ feet of 4 inch with bottom at 194 feet.

Pumping test:

June 10, 1952. Duration: ..... 1 hour  
 Static water level: ..... 4 feet  
 Drawdown: ..... 29 feet  
 Yield: ..... 30 gpm

N-3934. (C-6) Village of Garden City, Clinton Road and Long Island Motor Parkway, Garden City. Drilled by Layne-New York Co., Inc., August 10, 1953.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel .....	40	40
Sand, gravel and clay .....	32	72
Clay and hard streaks .....	68	140
Sandy clay .....	43	183
Clay and sand streaks .....	22	205
Sand and clay streaks .....	53	258
Clay, sand and hard streaks .....	26	284
Sand and gravel .....	41	325
Clay, hard streaks .....	43	368
Sand and gravel .....	52	420
Clay .....	5	425

Casing: 24 inches.

Screen: 40 feet of 12 inch with bottom at 417 feet.

Pumping test:

August 10, 1953. Duration: ..... 8 hours  
 Static water level: ..... 21½ feet  
 Drawdown: ..... 44 feet  
 Yield: ..... 1400 gpm

N-3937. (C-5) Long Island Water Corporation, north of Hempstead Avenue and east of Franklin Avenue, Malverne. Drilled by C. W. Lauman & Co., Inc., November 13, 1952.

Log:	Thickness (feet)	Depth (feet)
Loam .....	3	3
Coarse brown sand, some grits and gravel .....	40	43
Coarse brown sand and lumps of gray clay .....	11	54
Fine gray sandy clay .....	7	61
Solid gray and brown clay .....	10	71
Fine white sand, (some clay) .....	11	82
Fine brown sand, (some clay) .....	20	102
Layers of fine gray sand, sandy clay and solid clay .....	42	144
Fine gray sand, (some clay) .....	28	172
Fine gray sandy clay .....	10	182
Layers of fine gray sand, sandy clay, solid clay and lignite .....	20	202
Hard black clay and lignite .....	19	221
Fine gray sandy clay and layers of lignite .....	16	237
Hard gray clay .....	19	256
Fine gray sand, (some clay), layers of solid clay .....	20	276
Solid clay .....	17	293
Fine gray sand, streaks of clay and lignite .....	27	320
Fine gray sand, some lignite .....	22	342
Layers of gray sandy clay, fine sand and solid clay .....	27	369
Fine gray sand and layers of sandy clay .....	15	384
Fine gray sand, (some clay) .....	9	393
Solid gray clay and lignite .....	3	396
Fine gray sand, (some clay) .....	14	410
Medium fine gray sand .....	13	423
Solid gray clay and lignite .....	8	431
Fine gray sand, (some clay) .....	37	468
Solid gray clay and layers of sandy clay .....	6	474
Hard solid gray clay .....	50	524
Hard light gray solid clay .....	13	537
Coarse gray sand, grit, gravel and clay .....	10	547
Fine gray sand and layers of pyrite .....	16	563
Coarse gray sand, grit, gravel and clay .....	6	569
Layers of fine gray sand, sandy clay and solid clay .....	48	617
Hard dark gray clay .....	10	627
Fine gray sandy clay, layers of solid clay and lignite .....	52	679
Dark hard gray clay and layers of lignite .....	24	703

Casing: 16 inches.

Screen: 73½ feet of 12 inch with bottom at 464½ feet.

Pumping test:

September 18, 1952.	Duration: .....	4	hours
	Static water level: .....	6½	feet
	Drawdown: .....	27	feet
	Yield: .....	1630	gpm

N-3939. (E-7) Hollis B. Shaw, south of Bayville Avenue and west of Centre Island Road, Centre Island. Drilled by Mathies Well & Pump Co., Inc., June 12, 1952.

Log:	Thickness (feet)	Depth (feet)
Loam and small boulders .....	5	5
Medium sand and grits .....	2	7
Fine sand and brown clay .....	5	12
Brown clay .....	18	30

(Continued on next page)

N-3939. (Continued)

	Thickness (feet)	Depth (feet)
Brown clay and gravel .....	18	48
Brown clay, gravel, large stones and little clay .....	21	69
Heavy gravel and sand .....	2	71
Blue clay, sand and grits .....	15	86
Coarse white sand and gray clay .....	1	87
Gray clay and sand .....	5	92
Coarse white sand, gravel and large stones .....	1	93
Brown-gray clay, sand and gravel .....	10	103
Brown clay, sand and gravel .....	3	106
Coarse sand and gravel, lumps of brown clay and large stones .....	4	110

Casing: 4 inches.

Screen: 2 feet of 3 $\frac{5}{8}$  inch with bottom at 104 feet.

N-3941. (E-7) Livingston L. Short, south of Private Road and west of Cove Neck Road, Oyster Bay. Drilled by Watson & Hazel, June 16, 1952.

Log:	Thickness (feet)	Depth (feet)
Fine brown sand .....	4	4
Fine sand and small stones .....	6	10
Fine brown sand .....	11	21
Clay and stones .....	3	24
Solid brown clay .....	7	31
Sand and gravel .....	10	41
Coarse gravel .....	10	51
Gravel and sand .....	9	60

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 60 feet.

Pumping test:

June 12, 1952.	Duration: .....	4 hours
	Static water level: .....	7 feet
	Drawdown: .....	3 feet
	Yield: .....	30 gpm

N-3942. (E-8) T. Ashley Sparks, south of North Hempstead Turnpike and west of Berry Hill Road, Syosset. Drilled by Long Island Water Supply Co., Inc., August 2, 1951.

Log:	Thickness (feet)	Depth (feet)
Coarse white sand .....	345	345

Casing: 6 inches.

Screen: 10 feet of 6 inch with bottom at 347 feet.

Pumping test:

August 1, 1951.	Duration: .....	8 hours
	Static water level: .....	210 feet
	Yield: .....	42 gpm

N-3944. (D-6) Irvin Jalonack, north of Meadowbrook Lane and east of Hastings Road, East Hills. Drilled by C. W. Lauman & Co., Inc., August 22, 1952.

Log:	Thickness (feet)	Depth (feet)
Top soil and fill .....	3	3
Medium brown sand and gravel .....	68	71

N-3944. (Continued)	Thickness (feet)	Depth (feet)
Brown sandy clay .....	11	82
Fine brown sand and streaks of clay .....	20	102
Casing: 6 inches.		
Screen: 6 feet of 4 inch with bottom at 102 feet.		

N-3947. (B-8) Wantagh Fire District, north of Riverside Avenue and west of Seminole Avenue, Wantagh. Drilled by C. W. Lauman & Co., Inc., September 30, 1952.

Log:	Thickness (feet)	Depth (feet)
Sod and top soil .....	1	1
Fine gray sand .....	2	3
Sand and muck and clay .....	5	8
Coarse sand and gravel .....	26	34
Casing: 4 inches.		
Screen: 16 feet of 4 inch with bottom at 34 feet.		
Pumping test:		
September 30, 1952. Duration: .....	1	hour
Static water level: .....	4½	feet
Drawdown: .....	12	feet
Yield: .....	300	gpm

N-3949. (B-7) Wantagh Fire District, north of Bay Place and west of Shore Road, Wantagh. Drilled by C. W. Lauman & Co., Inc., October 17, 1952.

Log:	Thickness (feet)	Depth (feet)
Sod and topsoil .....	1	1
Coarse sand .....	3	4
Gray clay and marsh mud .....	8	12
Coarse gray sand and gravel .....	22	34
Casing: 4 inches.		
Screen: 16 feet of 4 inch with bottom at 34 feet.		
Pumping test:		
October 17, 1952. Duration: .....	1	hour
Static water level: .....	5½	feet
Drawdown: .....	8	feet
Yield: .....	260	gpm

N-3950. (B-8) Wantagh Fire District, south of Nimrod Street and west of Ocean Avenue, Wantagh. Drilled by C. W. Lauman & Co., Inc., October 9, 1952.

Log:	Thickness (feet)	Depth (feet)
Sod and top soil .....	1	1
Gray sand .....	3	4
Marsh, muck and gray clay .....	9	13
Coarse sand .....	22	35
Casing: 4 inches.		
Screen: 16 feet of 4 inch with bottom at 35 feet.		
Pumping test:		
October 3, 1952. Duration: .....	1	hour
Static water level: .....	6½	feet
Drawdown: .....	9½	feet
Yield: .....	275	gpm

N-3951. (B-8) Wantagh Fire District, south of Wyanet Street and west of Riverside Avenue, Wantagh. Drilled by C. W. Lauman & Co., Inc., August 21, 1952.

Log:	Thickness (feet)	Depth (feet)
Top soil and loam .....	5	5
Coarse brown sand, grits, gravel .....	34	39
Casing: 4 inches.		
Screen: 16 feet of 4 inch with bottom at 39 feet.		
Pumping test:		
August 21, 1952. Duration: .....		1 hour
Static water level: .....		8 feet
Drawdown: .....		9 feet
Yield: .....		290 gpm

N-3952. (B-8) Wantagh Fire District, northeast of Ocean Avenue near Island Creek, Wantagh. Drilled by C. W. Lauman & Co., Inc., October 7, 1952.

Log:	Thickness (feet)	Depth (feet)
Sod and top soil .....	1	1
Gray sand .....	3	4
Mud and marsh sand .....	8	12
Coarse gray sand .....	19	31
Casing: 4 inches.		
Screen: 16 feet of 4 inch with bottom at 30 feet.		
Pumping test:		
October 7, 1952. Duration: .....		2 hours
Static water level: .....		4 feet
Drawdown: .....		9 feet
Yield: .....		280 gpm

N-3954. (D-5) North Shore Hospital, south of Northern Boulevard and east of Valley Road, Great Neck. Drilled by C. W. Lauman & Co., Inc., August 28, 1952.

Log:	Thickness (feet)	Depth (feet)
Fine brown sand and gravel with streaks of clay .....	10	10
Sand and gravel imbedded in clay .....	10	20
Medium brown sand, grits and gravel .....	13	33
Medium brown sand with grits and gravel, cemented sand and streaks of clay .....	11	44
Boulders .....	6	50
Brown sand and grits .....	9	59
Grits and gravel .....	11	70
Medium brown sand and boulders .....	3	73
Boulders .....	4	77
Boulders and clay .....	12	89
Medium brown sand and streaks of white clay .....	4	93
Grits, gravel and boulders .....	6	99
Boulders and clay .....	6	105
Medium fine brown sand .....	6	111
Boulders, coarse sand and gravel .....	6	117
Boulders in gray clay .....	7	124
Gray clay .....	1	125
Boulders, sand and gravel .....	2	127
Fine brown sand .....	1	128
Medium brown sand, grits and large rock .....	12	140



N-3954. (Continued)	Thickness (feet)	Depth (feet)
Fine brown sand, some clay .....	4	144
Medium fine brown sand, hardpan .....	2	146
Fine brown sand .....	2	148
Fine brown sandy clay .....	1	149
Casing: 8 inches.		
Screen: 21 feet of 8 inch with bottom at 145 feet.		
Pumping test:		
July 21, 1952. Duration: .....		8 hours
Static water level: .....		36 feet
Drawdown: .....		22 feet
Yield: .....		320 gpm

N-3964. (D-7) Metalab Equipment Corporation, north of Duffy Avenue and east of Combes Avenue, Hicksville. Drilled by Mathies Well & Pump Co., Inc., July 14, 1952.

Log:	Thickness (feet)	Depth (feet)
Top soil .....	2	2
Loam .....	1	3
Dirty, coarse sand and gravel .....	1	4
Coarse sand, gravel and large stones .....	42	46
Coarse sand and gravel .....	41	87
Medium sand and grits .....	6	93
Coarse sand and gravel .....	11	104

Casing: 6 inches.

Screen: 10 feet of 3 $\frac{5}{8}$  inch with bottom at 103 feet.

Pumping test:

July 14, 1952. Duration: .....	4 hours
Yield: .....	100 gpm

N-3976. (B-5) Joseph Engel, south of Green Place and west of Woodmere Boulevard, Woodmere Park. Drilled by S. J. Breen Co., Inc., September 22, 1952.

Log:	Thickness (feet)	Depth (feet)
Dark clayish sand and gravel .....	14	14
Coarse brown sand and gravel .....	13	27
Dark gray clay .....		below 27

Casing: 4 inches.

Screen: 5 feet of 3 $\frac{3}{4}$  inch with bottom at 26 feet.

Pumping test:

September 22, 1952. Duration: .....	2 hours
Static water level: .....	5 feet
Drawdown: .....	15 feet
Yield: .....	35 gpm

N-3977. (C-7) Mar-Lin Management Corporation, south of Gardiners Avenue and west of Roxbury Lane, Levittown. Drilled by Mathies Well & Pump Co., Inc., July 21, 1952.

Log:	Thickness (feet)	Depth (feet)
Fill .....	4	4
Coarse sand and gravel .....	35	39

(Continued on next page)

N-3977. (Continued)

Casing: 4 inches.

Screen: 6 feet of 3¾ inch with bottom at 37½ feet.

Pumping test:

July 21, 1952. Duration: ..... 4 hours  
 Static water level: ..... 15¾ feet  
 Drawdown: ..... 4¼ feet  
 Yield: ..... 65 gpm

N-3979. (B-5) H. C. Bohack Co., Inc., Central Avenue and Cedarhurst Avenue, Cedarhurst. Drilled by Sweeney & Gray Co., Inc., August 13, 1952.

Log:	Thickness (feet)	Depth (feet)
Basement .....	8	8
Coarse sand and gravel .....	44	52

Casing: 6 inches.

Screen: 10 feet of 6 inch with bottom at 52 feet.

Pumping test:

October 15, 1952. Duration: ..... 4 hours  
 Static water level: ..... 8 feet  
 Drawdown: ..... 4 feet  
 Yield: ..... 50 gpm

N-3981. (B-6) Ralph Clausen, south of Waukena Road and west of Ocean Avenue, Ocean-side. Drilled by Eastern Well & Pump Co., July 29, 1952.

Log:	Thickness (feet)	Depth (feet)
Top soil and sand .....	4	4
Bog and sand .....	6	10
Brown sandy clay, some grits and gravel .....	14	24
Coarse light brown sand and gravel .....	7	31
Soft gray clay, slightly sandy .....	12	43
Same as above, small stones and gravel .....	3	46
Brown sandy clay, silt and mica .....	20	66
Fine to medium light brown sand, grits and gravel (dirty) .....	5	71
Soupy light brown sand, lumps clay, hardpan .....	6	77
Fine light gray sand, grits, gravel, hardpan .....	4	81
Fine to medium brown sand, grits, gravel (fairly clean) .....	3	84
Clean light gray sand, some mica .....	2	86

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 88 feet.

Duration: ..... 2 hours  
 Static water level: ..... ½ foot  
 Drawdown: ..... 16½ feet  
 Yield: ..... 25 gpm

N-3892. (E-7) Arthur Davis, south of Cleft Road and west of Mill Neck Road, Mill Neck. Drilled by C. W. Lauman & Co., Inc., October 7, 1952.

Log:	Thickness (feet)	Depth (feet)
Clay and gravel .....	3	3
Coarse brown sand and grits .....	11	14
Light brown solid clay .....	31	45

N-3892. (Continued)

	Thickness (feet)	Depth (feet)
Coarse gray sand, grits, gravel, boulders .....	46	91
Coarse gray sand, grits, lumps of clay .....	39	130
Coarse brown sand, gravel, large stones .....	28	158
Coarse brown sand, multi-colored clay, large stones .....	11	169
Solid gray clay .....	46	215
Light gray sandy clay, gravel, lumps of clay .....	57	272
Multi-colored solid clay .....	48	320
Gray sandy clay, layers of solid clay .....	11	331
Fine brown sand .....	10	341
Coarse brown sand .....	15	356
Fine brown sand, streaks of clay .....	16	372
Medium brown sand .....	4	376
Coarse brown sand, large gravel, clay .....	27	403
Medium coarse brown sand and grits .....	16	419
Solid white clay and gravel .....	4	423
Coarse brown sand, gravel, clay .....	12	435
Coarse brown sand, grits, some clay .....	7	442
Coarse brown sand, large gravel, white clay .....	9	451

Casing: 6 inches.

Screen: 22½ feet of 6 inch with bottom at 420½ feet.

Pumping test:

October 7, 1952.	Duration .....	1½ hours
	Static water level: .....	flows
	Drawdown: .....	420 feet
	Yield: .....	67 gpm

N-3983. (B-5) Nat Young, south of East Rockaway Road and east of Huckleberry Lane, Hewlett Harbor. Drilled by Eastern Well & Pump Co., July 24, 1952.

Log:	Thickness (feet)	Depth (feet)
Dirty sand, stones and clay .....	12	12
Fine sand and gravel .....	8	20
Fine light brown sand .....	9	29
Brown sand and gravel .....	13	42

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 41 feet.

Pumping test:

July 24, 1952.	Duration: .....	2 hours
	Static water level: .....	19 feet
	Yield: .....	50 gpm

N-3989. (C-7) Wantagh Fire District, south of Carrolton Avenue and east of Brition Street, Wantagh. Drilled by C. W. Lauman & Co., Inc., July 30, 1952.

Log:	Thickness (feet)	Depth (feet)
Top soil and fill .....	2	2
Medium brown sand, grits and gravel .....	40	42

Casing: 4 inches.

Screen: 15¾ feet of 4 inch with bottom at 42 feet.

Pumping test:

July 30, 1952.	Duration: .....	1 hour
	Static water level: .....	12 feet
	Drawdown: .....	10 feet
	Yield: .....	265 gpm

N-3990. (C-8) Farmingdale Federal Loan & Savings, south of Fulton Street and east of Main Street, Farmingdale. Drilled by Fred Habenicht & Sons, August 18, 1952.

Log:	Thickness (feet)	Depth (feet)
Basement .....	12	12
Sand and gravel .....	36	48
Casing: 4 inches.		
Screen: 8 feet of 3¾ inch with bottom at 48 feet.		
Pumping test:		
August 9, 1952. Duration .....		4 hours
Static water level: .....		21 feet
Drawdown: .....		2⅓ foot
Yield: .....		35 gpm

N-3991. (D-7) Allen Manufacturing Co., north of Duffy Lane and east of Wantagh State Parkway, Hicksville. Drilled by Fred Habenicht & Sons, August 25, 1952.

Log:	Thickness (feet)	Depth (feet)
Well pit .....	7	7
Sand and pebbles .....	28	35
Very coarse sand .....	12	47
Very fine sand .....	4	51
Coarse sand and pebbles .....	11	62
Casing: 4 inches.		
Screen: 8 feet of 3¾ inch with bottom at 61½ feet.		
Pumping test:		
August 22, 1952. Duration: .....		2 hours
Static water level: .....		42 feet
Drawdown: .....		9 feet
Yield: .....		38 gpm

N-3993. (E-6) Henry's, south of Glen Street and east of Bridge Street, Glen Cove. Drilled by C. W. Lauman & Co., Inc., November 1, 1952.

Log:	Thickness (feet)	Depth (feet)
Basement .....	8	8
Coarse sand, gravel and stones .....	6	14
Coarse brown clean sand .....	9	23
Coarse brown sand, gravel and clay .....	14	37
White clay .....	2	39
Fine white sand and clay .....	7	46
Coarse brown sand, grits and some clay .....	7	53
Solid white clay .....	1	54
Very fine white sand and clay .....	3	57
Coarse white sand and grits .....	3	60
Coarse to fine white sand .....	3	63
Coarse sand and little clay .....	6	69
Coarse dark brown sand and clay .....	1	70
Casing: 4 inches.		
Screen: 5 feet of 4 inch with bottom at 62 feet.		
Pumping test:		
October 21, 1952. Duration: .....		1 hour
Static water level: .....		6 inches
Drawdown: .....		7 feet
Yield: .....		30 gpm

N-4000. (B-5) Harry Zwerling, east of Deering Lane and south of Main Street, East Rock-away. Drilled by Eastern Well & Pump Co., September 9, 1952.

Log:	Thickness (feet)	Depth (feet)
Top soil .....	2	2
Sandy clay .....	7	9
Hard-packed gray sand, few grits .....	16	25
Coarse brown sand, grits and gravel .....	12	37

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 35 feet.

Pumping test:

August 13, 1952.	Duration: .....	2	hours
	Static water level: .....	10	feet
	Drawdown: .....	2½	feet
	Yield: .....	55	gpm

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N-4012. (C-7) Emil Oberle, north of North Jerusalem Road and east of Newbridge Avenue, East Meadow. Drilled by C. W. Lauman & Co., Inc., August 19, 1952.

Log:	Thickness (feet)	Depth (feet)
Top soil and loam .....	2	2
Sand and gravel .....	30	32

Casing: 4 inches.

Screen: 7 feet of 4 inch with bottom at 32 feet.

Pumping test:

August 19, 1952.	Duration: .....	1	hour
	Static water level: .....	14	feet
	Drawdown: .....	3	feet
	Yield: .....	60	gpm

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N-4014. (E-7) Sidney G. M. Butler Cove Neck Road, Oyster Bay. Drilled by E. K. Hutchinson & Son, August 28, 1952.

Log:	Thickness (feet)	Depth (feet)
Brown sand and gravel .....	30	30
White sand .....	10	40
Brown sand .....	28	68
Clay .....	4	72
White sand and heavy gravel .....	8	80

Casing: 6 inches.

Screen: 6 feet of 5½ inch with bottom at 80 feet.

Pumping test:

August 14, 1952.	Duration: .....	8	hours
	Static water level: .....	61	feet
	Drawdown: .....	10	feet
	Yield: .....	30	gpm

N-4015. (B-5) Herman Levinson, south of Auerbach Lane and west of Jorgen Street, Cedarhurst. Drilled by S. J. Breen Co., Inc., August 28, 1952.

Log:	Thickness (feet)	Depth (feet)
Fill .....	4	4
Black bog .....	8	12
Yellow sand with small gravel .....	22	34

Casing: 6 inches.  
Screen: 5 feet of 5½ inch with bottom at 34 feet.

Pumping test:  
August 27, 1952. Duration: ..... 4 hours  
Static water level: ..... 9 feet  
Drawdown: ..... 11 feet  
Yield: ..... 60 gpm

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N-4016. (D-4) E. A. Kahn Estate, 7 Martin Court, South, Kings Point. Drilled by C. W. Lauman & Co., Inc., November 15, 1952.

Log:	Thickness (feet)	Depth (feet)
Pit .....	5	5
Brown sand, gravel and lumps of clay .....	17	22
Brown sand and plenty gravel .....	21	43
Coarse brown sand and some gravel .....	18	61
Light brown sand and plenty gravel .....	13	74
Fine light brown sandy clay .....	1	75

Casing: 6 inches.  
Screen: 11 feet of 6 inch with bottom at 70 feet.

Pumping test:  
November 15, 1952. Duration: ..... 7 hours  
Static water level: ..... 36 feet  
Drawdown: ..... 7 feet  
Yield: ..... 72 gpm

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N-4018. (C-8) Massapequa Fire District, Sunrise Highway and Unqua Road, Massapequa. Drilled by Mathies Well & Pump Co., Inc., December 5, 1952.

Log:	Thickness (feet)	Depth (feet)
Fill .....	2	2
Sand and gravel .....	4	6
Yellow clay and sand .....	3	9
Coarse sand and gravel .....	37	46

Casing: 4 inches.  
Screen: 16 feet of 4 inch with bottom at 46 feet.

Pumping test:  
December 5, 1952. Duration: ..... 4 hours  
Drawdown: ..... 24" vacuum  
Yield: ..... 250 gpm

N-4029. (C-6) Sweet Clover Dairy, Nassau Road, Roosevelt. Drilled by Eastern Well & Pump Co., December 8, 1952.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel .....	48	48
Casing: 6 inches.		
Screen: 5 feet of 6 inch with bottom at 48 feet.		
Pumping test:		
November 25, 1952. Duration: .....		2 hours
Static water level: .....		14 feet
Yield: .....		65 gpm

N-4038. (C-8) E.D.J. Realty Corporation (Massapequa Park Market), north of Front Street and west of Clark Boulevard, Massapequa Park. Drilled by Mathies Well & Pump Co., Inc., June 25, 1954.

Log:	Thickness (feet)	Depth (feet)
Concrete .....	1	1
Fill .....	8	9
Coarse sand and gravel .....	41	50
Gray fine sand .....	17	67
Casing: 4 inches.		
Screen: 10 $\frac{3}{4}$ feet of 4 inch with bottom at 67 feet.		

N-4043. (C-8) South Farmingdale Water District, west of Langdon Road and north of Boundary Avenue, Farmingdale. Drilled by C. W. Lauman & Co., Inc., August 17, 1954.

Log:	Thickness (feet)	Depth (feet)
Loam .....	3	3
Coarse brown sand, grits, gravel .....	89	92
Same as above, with lumps of clay .....	42	134
Medium fine brown sand .....	5	139
Medium fine light brown clayey sand .....	11	150
Medium fine brown sand .....	20	170
Solid light brown clay .....	5	175
Medium fine sand, small layers clay .....	5	180
Fine brown sandy clay and layers solid clay .....	6	186
Medium fine brown sand .....	24	210
Medium fine gray sandy clay .....	27	237
Fine gray sand, clay and streaks of solid clay .....	52	289
Fine gray sand and some clay .....	15	304
Fine gray sand .....	5	309
Layers of gray sand, clay, solid clay and lignite .....	13	322
Medium fine gray sand and layers of lignite .....	50	372
Fine gray sand and some clay .....	21	393
Medium fine gray sand .....	21	414
Medium fine gray sand and layers of solid clay .....	7	421
Fine gray sandy clay and layers of lignite .....	61	482
Casing: 16 inches.		
Screen: 52 feet of 12 inch with bottom at 369 feet.		

Pumping test:		
February 26, 1953. Duration: .....		8 hours
Static water level: .....		27 feet
Drawdown: .....		36 feet
Yield: .....		1212 gpm

N-4044. (C-7) King Kullen Store, Merrick Avenue and Bellmore Avenue, East Meadow.  
 Drilled by C. W. Lauman & Co., Inc., December 10, 1952.

Log:	Thickness (feet)	Depth (feet)
Basement .....	9	9
Coarse brown sand, grits and gravel .....	40	49
Fine brown sandy clay .....		below 49
Casing: 6 inches.		
Screen: 11 feet of 6 inch with bottom at 40 feet.		
Pumping test:		
November 7, 1952. Duration: .....		2 hours
Static water level: .....		9 feet
Drawdown: .....		5 feet
Yield: .....		75 gpm

N-4050. (D-7) H. C. Bohack Co., Inc., northwest corner of Old Country Road and New-  
 bridge Avenue, Hicksville. Drilled by Sweeney & Gray Co., Inc., October 20, 1952.

Log:	Thickness (feet)	Depth (feet)
Basement .....	10	10
Sand and gravel .....	66	76
Casing: 8 inches.		
Screen: 11 feet of 8 inch with bottom at 77 feet.		
Pumping test:		
April 10, 1953. Duration: .....		4 hours
Static water level: .....		46 feet
Drawdown: .....		4 feet
Yield: .....		69 gpm

N-4053. (E-8) Lester Fluewellen, Laurel Cove and Cove Road, Laurel Hollow. Drilled  
 by Fred Habenicht & Son, November 12, 1952.

Log:	Thickness (feet)	Depth (feet)
Fill .....	3	3
Hard gravel .....	38	41
White sand and gravel .....	32	73
White clay and sand .....	26	99
Coarse white sand with about 30% fine sand .....	22	121
Casing: 6 inches.		
Screen: 12 feet of 5½ inch with bottom at 121 feet.		
Pumping test:		
November 11, 1952. Duration: .....		6 hours
Static water level: .....		79 feet
Drawdown: .....		9 feet
Yield: .....		21 gpm

N-4054. (B-6) Henry Greenbaum, 100 Kennedy Avenue and Milburn Street, Rockville  
 Centre. Drilled by C. W. Lauman & Co., Inc., December 10, 1952.

Log:	Thickness (feet)	Depth (feet)
Basement .....	5	5
Fine brown sand .....	15	20
Coarse brown sand .....	7	27



N-4054. (Continued)	Thickness (feet)	Depth (feet)
Fine brown sand and grits .....	5	32
Fine brown sand .....	4	36
Coarse sand and gravel .....	4	40
Fine brown sand .....	3	43
Medium fine sand and gravel .....	9	52
Casing: 4 inches.		
Screen: 7 feet of 4 inch with bottom at 48 feet.		
Pumping test:		
November 6, 1952. Duration: .....		2 hours
Static water level: .....		9 feet
Drawdown: .....		6 feet
Yield: .....		60 gpm

N-4057. (C-6) Tube Distributors Co., Inc., south of Kellum Place and east of Old Country Road, Garden City. Drilled by Eastern Well & Pump Co., October 30, 1952.

Log:	Thickness (feet)	Depth (feet)
Top soil .....	2	2
Marl .....		2
Coarse sand and clean gravel .....	24	26
Coarse brown sand, grits and gravel, slightly clayey .....	14	40
Coarse brown sand, few grits and gravel .....	30	70
Casing: 6 inches.		
Screen: 10 feet of 6 inch with bottom at 70 feet.		
Static water level: .....		32 feet
Yield: .....		110 gpm

N-4059. (B-7) Wantagh Fire District, west of South Cedar Street and south of Merrick Road, Wantagh. Drilled by C. W. Lauman & Co., Inc., October 27, 1952.

Log:	Thickness (feet)	Depth (feet)
Fill .....	2	2
Top soil and loam .....	1	3
Marsh sod and loam .....	1	4
Coarse brown sand and gravel .....	26	30
Medium coarse sand .....	5	35
Casing: 4 inches.		
Screen: 16 feet of 4 inch with bottom at 38 feet.		
Pumping test:		
October 27, 1952. Duration: .....		2 hours
Static water level: .....		7 feet
Drawdown: .....		3 1/4 feet
Yield: .....		120 gpm

N-4060. (D-7) Towne & James Drugs, northwest of Grand Boulevard and Third Street, Westbury. Drilled by C. W. Lauman & Co., Inc., December 10, 1952.

Log:	Thickness (feet)	Depth (feet)
Coarse brown and gravel .....	31	31
Fine brown sand, small amount clay .....	24	55
Fine clean brown sand .....	8	63

(Continued on next page)

N-4060. (Continued)

Casing: 6 inches.

Screen: 62½ feet of 6 inch with bottom at 63 feet.

Pumping test:

November 13, 1952.	Duration: .....	2 hours
	Static water level: .....	39 feet
	Drawdown: .....	12 feet
	Yield: .....	40 gpm

N-4063. (D-8) Bethpage Water District, north of Floral Avenue and east of Adams Avenue, Bethpage. Drilled by C. W. Lauman & Co., Inc., November 4, 1952.

Log:	Thickness (feet)	Depth (feet)
Top soil .....	2	2
Loam .....	1	3
Coarse brown sand, grits and gravel .....	27	30
Same as above, with lumps of clay .....	30	60
Medium coarse brown sand, grits, gravel and lumps of clay .....	62	122
Same as above, with multi-colored sand .....	12	134
Solid gray clay .....	15	149
Medium coarse brown sand .....	13	162
Layers of solid gray clay and sandy clay .....	3	165
Fine brown sandy clay and streaks of solid clay .....	12	177
Medium fine brown sand .....	11	188
Layers of fine brown sand and sandy clay .....	6	194
Fine brown sand and some clay .....	44	238
Fine gray sand and some clay .....	5	243
Fine brown sand and layers of solid clay .....	5	248
Medium coarse brown sand, layers of clay and hardpan .....	6	254
Medium fine brown sand and streaks of sandy clay .....	64	318
Fine gray sandy clay .....	19	337
Fine brown sand .....	5	342
Solid hard gray clay .....	15	357
Fine gray sandy clay and streaks of solid clay .....	36	393
Medium fine brown sand .....	6	399
Fine brown sandy clay .....	7	406
Medium fine brown sand .....	8	414
Solid gray clay .....	14	428
Fine gray sandy clay .....	19	447
Medium fine brown sand .....	12	459
Fine gray sandy clay .....	7	466

Casing: 16 inches.

Screen: 94 feet of 12 inch with bottom at 233 feet.

Pumping test:

January 20, 1953.	Duration: .....	8 hours
	Static water level: .....	51 feet
	Drawdown: .....	22 feet
	Yield: .....	1529 gpm

N-4072. (D-6) Guild Machinery Inc., north of Hillside Avenue and west of Moore Street, New Hyde Park. Drilled by S. J. Breen Co., Inc., November 21, 1952.

Log:	Thickness (feet)	Depth (feet)
Coarse sand and gravel .....	51	51
Coarse sand .....	6	57

N-4072. (Continued)

Casing: 6 inches.

Screen: 10 feet of 5½ inch with bottom at 55½ feet.

Pumping test:

November 21, 1952. Duration: ..... 4 hours  
 Static water level: ..... 34 feet  
 Drawdown: ..... 5½ feet  
 Yield: ..... 65 gpm

N-4074. (C-5) Jamaica Sash & Door Co., south of Dennis Avenue and east of Old Broadway, Garden City. Drilled by Mathies Well & Pump Co., Inc., April 20, 1953.

Log:	Thickness (feet)	Depth (feet)
Fill .....	2	2
Brown clay and stones .....	5	7
Yellow clay and stones .....	5	12
Coarse gravel .....	34	46
Coarse sand and some gravel .....	11	57
Coarse sand and gravel .....	16	73

Casing: 6 inches.

Screen: 15 feet of 4 inch with bottom at 73 feet.

Pumping test:

April 20, 1953. Duration: ..... 1 hour  
 Static water level: ..... 24 feet  
 Drawdown: ..... 3 feet  
 Yield: ..... 69 gpm

N-4076. (B-8) Wantagh Fire District, Bayview Avenue, Wantagh. Drilled by C. W. Lau-  
 man & Co., Inc., December 12, 1952.

Log:	Thickness (feet)	Depth (feet)
Fill .....	1	1
Coarse sand and gravel .....	37	38

Casing: 4 inches.

Screen: 16 feet of 4 inch with bottom at 38 feet.

Pumping test:

December 12, 1952. Duration: ..... 2 hours  
 Static water level: ..... 9 feet  
 Drawdown: ..... 12 feet  
 Yield: ..... 100 gpm

N-4077. (C-5) Jamaica Water Supply Co., north of Cisney Avenue and west of Gilbert Court, Floral Park. Drilled by Layne-New York Co., Inc., January 8, 1953.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel .....	90	90

Casing: 24 inches.

Screen: 20 feet of 18 inch with bottom at 90 feet.

Pumping test:

October 22, 1953. Duration: ..... 8 hours  
 Static water level: ..... 30 feet  
 Drawdown: ..... 30 feet  
 Yield: ..... 1500 gpm

N-4078. (D-7) W. Ferrels, south of Newbridge Avenue and east of Old Country Road, Westbury. Drilled by Fred Habenicht & Sons, May 18, 1953.

Log:	Thickness (feet)	Depth (feet)
Basement .....	6	6
Yellow sand .....	13	19
Fine sand .....	28	47
Coarse gravel and sand .....	26	73
Very coarse sand and few pebbles .....	6	79

Casing: 4 inches.

Screen: 4 feet of 3¾ inch with bottom at 79 feet.

Pumping test:

May 17, 1953. Duration: ..... ¾ hour  
Yield: ..... 12 gpm

N-4079. (C-7) Jersualem Avenue Taxpayer, Inc., north of Jerusalem Avenue and east of Walnut Lane, Hicksville. Drilled by Eastern Well & Pump Co., December 22, 1952.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel .....	68	68

Casing: 6 inches.

Screen: 5 feet of 6 inch with bottom at 67 feet.

Pumping test:

December 22, 1952. Duration: ..... 3 hours  
Drawdown: ..... 43¼ feet  
Yield: ..... 69 gpm

N-4082. (D-6) Village of Mineola, Mineola. Drilled by Layne-New York Co., Inc.

Log:	Thickness (feet)	Depth (feet)
Red sand and gravel .....	153	153
Gray clay .....	12	165
Sand and gravel .....	15	180
Fine sand and clay streaks .....	23	203
Gray soft clay .....	17	220
Sand and streaks clay .....	24	244
Sand and gravel streaks, clay .....	87	331
Tough clay .....	21	352
Coarse sand .....	32	384
Gray clay .....	20	404
Coarse sand and fine gravel .....	60	464
Coarse sand and clay streaks .....	12	476

Casing: 24 inches.

Screen: 40 feet of 10 inch with bottom at 462 feet.

Pumping test:

January 22, 1953. Duration: ..... 8 hours  
Static water level: ..... 33 feet  
Drawdown: ..... 37 feet  
Yield: ..... 1035 gpm

N-4086. (C-7) Meadowbrook National Bank, south of Park Avenue and east of Wantagh Avenue, Wantagh. Drilled by Eastern Well & Pump Co., December 27, 1952.

Log:	Thickness (feet)	Depth (feet)
Coarse brown sand and grits .....	26	26
Casing: 4 inches.		
Screen: 5 feet of 4 inch with bottom at 26 feet.		
Pumping test:		
December 17, 1952. Duration: .....		2 hours
Static water level: .....		1½ feet
Drawdown: .....		6 feet
Yield: .....		60 gpm

N-4096. (D-8) Plainview Water District, Plainview Road and Old Country Road, Plainview. Drilled by Layne-New York Co., Inc., August 2, 1954.

Log:	Thickness (feet)	Depth (feet)
Fill .....	5	5
Sandy clay .....	48	53
Sand, gravel and streaks of clay .....	106	159
Sandy clay .....	20	179
Clay .....	32	211
Sand and gravel .....	8	219
Sand, gravel and streaks of yellow clay .....	30	249
Yellow clay and sand .....	12	261
Sand, gravel and streaks of clay .....	96	357
Clay .....	16	373
Sand and gravel .....	42	415
Hard blue clay .....	21	436
Sand and gravel .....	67	503
Sand and clay streaks .....	7	550
Casing: 24 inches.		
Screen: 50 feet of 12 inch with bottom at 494 feet.		
Pumping test:		
August 2, 1954. Duration: .....		8 hours
Static water level: .....		68 feet
Drawdown: .....		32 feet
Yield: .....		1200 gpm

N-4097. (D-8) Plainview Water District, Orchard Street and Nassau Avenue, Plainview. Drilled by Layne-New York Co., Inc., August 4, 1954.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel .....	46	46
Sandy clay .....	143	189
Clay .....	21	210
Various colored sandy clay .....	190	400
Coarse sand .....	67	467
Sand clay streaks .....		below 467
Casing: 24 inches.		
Screen: 50 feet of 12 inch with bottom at 463 feet.		
Pumping test:		
August 4, 1954. Duration: .....		8 hours
Static water level: .....		75 feet
Drawdown: .....		33 feet
Yield: .....		1200 gpm

N-4098. (D-7) Bernard Construction Co., north of Old Country Road and west of Rushmore Street, New Cassel. Drilled by E. K. Hutchinson & Son, May 1, 1953.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel .....	20	20
Clay .....	8	28
Sand and gravel .....	65	93
Casing: 4 inches.		
Screen: 46 feet of 4 inch with bottom at 50 feet.		
Pumping test:		
February 27, 1953. Duration: .....		1 hour
Static water level: .....		35 feet
Drawdown: .....		2 feet
Yield: .....		12 gpm

N-4104. (C-6) Julius Kassover, south of Demott Avenue and west of Devon Street, Rockville Centre. Drilled by Eastern Well & Pump Co., April 1, 1953.

Log:	Thickness (feet)	Depth (feet)
Top soil and clay .....	4	4
Sand and gravel .....	22	26
Sand, gravel and stones .....	7	33
Casing: 4 inches.		
Screen: 5 feet of 4 inch with bottom at 32 feet.		
Pumping test:		
April 1, 1953. Duration: .....		3 hours
Static water level: .....		15 feet
Yield: .....		50 gpm

N-4109. (C-7) Food Fair, c/o Merrick Holding Corporation, south of Front Street and west of Merrick Avenue, East Meadow. Drilled by Eastern Well & Pump Co.

Log:	Thickness (feet)	Depth (feet)
Fill .....	3	3
Medium brown sand .....	7	10
Coarse brown sand and gravel .....	21	31
Fine light brown sand .....	3	34
Coarse brown sand and gravel .....	11	45
Thin layer of clay .....		
Fine brown sand, few grits, clay lumps .....	2	47
Casing: 6 inches.		
Screen: 10 feet of 6 inch with bottom at 45 feet.		
Pumping test:		
February 27, 1953. Duration: .....	3	hours
Static water level: .....	18	feet
Drawdown: .....	11½	feet
Yield: .....	80	gpm

N-4111. (C-7) Otto Tepe, north of Wilson Avenue and east of Whale Neck Road, East Meadow. Drilled by Cornelius Keck, April 17, 1953.

Log:	Thickness (feet)	Depth (feet)
Above ground .....	1	1
Sandy loam .....	2	3

N-4111. (Continued)	Thickness (feet)	Depth (feet)
Coarse sand and coarse gravel .....	13	16
Coarse sand and medium gravel .....	9	25
Coarse sand .....	5	30
Coarse sand and medium gravel .....	5	35
Medium gravel and very little coarse sand .....	5	40
Casing: 6 inches.		
Screen: 10 5/6 feet of 4 inch with bottom at 40 feet.		
Pumping test:		
April 17, 1953. Duration: .....		2 hours
Static water level: .....		16 feet
Drawdown: .....		12 feet
Yield: .....		300 gpm

N-4118. (C-6) West Hempstead-Hempstead Gardens Water District, south of Willow Street and west of Birch Street, Hempstead. Drilled by C. W. Lauman & Co., Inc., December 10, 1953.

Log:	Thickness (feet)	Depth (feet)
Loam .....	3	3
Coarse brown sand, grits, gravel .....	30	33
Coarse brown sand, grits, lumps clay .....	6	39
Medium coarse brown sand and grits .....	31	70
Coarse brown sand, grits, gravel .....	12	82
Solid gray clay and shells .....	4	86
Solid gray clay .....	6	92
Coarse brown sand, grits, gravel .....	54	146
Coarse gray sand, grits, gravel .....	66	212
Casing: 16 inches.		
Screen: 57½ feet of 12 inch with bottom at 204 feet.		
Pumping test:		
June 29, 1953. Duration: .....		7 hours
Static water level: .....		221½ feet
Drawdown: .....		21 feet
Yield: .....		1300 gpm

N-4120T. (C-5) Jamaica Water Supply Co., northeast corner Francis Drive and Franklin Avenue, Franklin Square. Drilled by Layne-New York Co., Inc., June 18, 1953.

Log:	Thickness (feet)	Depth (feet)
Red and brown sand .....	10	10
Brown sand and gravel .....	36	46
Gravel .....	4	50
Gray sand .....	10	60
Dark green sand .....	15	75
Brown sand and gravel .....	2	77
Muddy white sand .....	11	88
White clay .....	4	92
Muddy white sand .....	46	138
White clay .....	2	140
Muddy white sand .....	37	177
Black clay .....	8	185
Sand and clay .....	51	236
Blue clay .....	8	244

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N-4120T. (Continued)

	Thickness (feet)	Depth (feet)
Sand .....	12	256
Clay .....	12	268
Sandy clay .....	32	300
Fine to medium sand .....	28	328
Sand and some clay .....	22	350
Streaks of coarse sand and clay .....	54	404
Clay—tough .....	6	410
Sand coarse .....	38	448
Clay .....	10	458

Casing: 8 inches.

Screen: 30 feet of 8 inch with bottom at 458 feet.

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N-4125. (D-6) Colonial Sand & Stone, Shore Road, Port Washington. Drilled by E. K. Hutchinson & Son, April 15, 1953.

Log:	Thickness (feet)	Depth (feet)
Sand and loam .....	10	10
Clay and sand .....	150	160
Sand, gravel and clay (mixed) .....	65	225
Coarse gravel and water .....	44	269

Casing: 8 inches.

Screen: 20 feet of 7 $\frac{5}{8}$  inch with bottom at 255 feet.

Pumping test:

March 19, 1953.	Duration: .....	4 hours
	Static water level: .....	32 feet
	Drawdown: .....	20 feet
	Yield: .....	400 gpm

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N-4126. (C-6) Hempstead High School, south of Prospect Street and west of Henry Street, Hempstead. Drilled by E. K. Hutchinson & Son, September 25, 1953.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel .....	60	60

Casing: 8 inches.

Screen: 10 feet of 7 $\frac{5}{8}$  inch with bottom at 60 feet.

Pumping test:

April 14, 1953.	Duration: .....	1 hour
	Static water level: .....	12 feet
	Drawdown: .....	2 feet
	Yield: .....	150 gpm

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N-4127. (C-6) Associated Food Stores, c/o Mallow Food Corporation, north of Francis Street and east of Hempstead Avenue, Malverne. Drilled by Eastern Well & Pump Co., March 30, 1953.

Log:	Thickness (feet)	Depth (feet)
Medium coarse brown sand and gravel .....	25	25
Fine to medium sand, few grits and gravel .....	22	47

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 50 feet.



N-4127. (Continued)

Pumping test:  
March 30, 1953. Duration: ..... 2 hours  
Static water level: ..... 16½ feet  
Yield: ..... 61 gpm

N-4128. (D-5) Setman Realty Corporation—Food Fair Stores, Northern Boulevard, Manhasset. Drilled by C. W. Lauman & Co., Inc., April 29, 1953.

Log:	Thickness (feet)	Depth (feet)
Loam, sand, stones and boulders .....	4	4
Coarse brown sand and gravel .....	28	32
Hard packed sand, gravel and stones .....	10	42
Coarse brown sand and gravel .....	46	88
Hard packed sand and clay .....	6	94
Yellow sand, clay and grits .....	16	110
Very fine yellow brown sand, mica, some clay .....	7	117
Coarse brown sand, grits, layers of sandy clay .....	4	121
Sand, clayey .....	36	157
Sharp brown sand and hardpan .....	21	178
Very fine gray sand and sandy clay .....	4	182
Very fine brown sand and sandy clay .....	3	185
Very fine reddish sand and hardpan, sandy clay .....	3	188
Very fine gray sand and sandy clay .....	8	196
Very fine brown sand, sandy clay and hardpan .....	9	205

Casing: 8 inches.

Screen: 20 feet of 8 inch with bottom at 205 feet.

Pumping test:  
April 27, 1953. Duration: ..... 5 hours  
Static water level: ..... 99 feet  
Drawdown: ..... 55 feet  
Yield: ..... 178 gpm

N-4129. (C-7) P. Mockavitz, south of Jerusalem Avenue and east of Bellmore Avenue, Bellmore. Drilled by Fred Habenicht & Sons, March 2, 1953.

Log:	Thickness (feet)	Depth (feet)
Pit .....	8	8
Coarse yellow sand and gravel .....	31	39

Casing: 4 inches.

Screen: 10 feet of 3¾ inch with bottom at 39 feet.

Pumping test:  
March 2, 1953. Duration: ..... 3 hours  
Static water level: ..... 12 feet  
Drawdown: ..... 7 feet  
Yield: ..... 65 gpm

N-4131. (D-7) George Smith, north of Park Street and west of Garden Street, New Cassel. Drilled by Mathies Well & Pump Co., Inc., March 20, 1953.

Log:	Thickness (feet)	Depth (feet)
Top soil .....	1	1
Heavy gravel .....	30	31

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N-4131. (Continued)

	Thickness (feet)	Depth (feet)
Solid yellow clay .....	3	34
Yellow clay and sand .....	24	58
Solid yellow clay .....	9	67
Fine sand and chunks of clay .....	2	69
Fine lively sand .....	8	77

Casing: 4 inches.

Screen: 6 feet of 4 inch with bottom at 77 feet.

Pumping test:

March 20, 1953. Duration: ..... 2 hours  
Yield: ..... 10 gpm

N-4132. (B-6) Long Island Water Corporation—Well No. 7, north of Portland Avenue and west of Grove Street, Baldwin. Drilled by Layne-New York Co., Inc., June 15, 1953.

Log:	Thickness (feet)	Depth (feet)
Fill .....	10	10
Fine sand and gravel .....	49	59
Clay, sand, streaks .....	49	108
Sand .....	12	120
Fine sand, clay streaks .....	110	230
Hard sand, clay .....	15	245
Clay .....	4	249
Hard sandy clay .....	23	372
Tough clay .....	8	380
Hard fine sand .....	20	400
Clay .....	3	403
Hard fine sand, clay .....	29	432
Fine hard sand .....	22	454
Medium sand, hard .....	44	498
Clay .....	4	502
Medium sand, hard .....	23	525
Muddy sand .....	15	540
Hard sandy clay streaks .....	40	580
Sand, fine gravel, streaks of clay .....	42	622
Clay .....	9	631

Casing: 24, 18 and 12 inches.

Screen: 70 feet of 12 inch with bottom at 619 feet.

Pumping test:

June 15, 1953. Duration: ..... 8 hours  
Static water level: ..... 10 feet  
Drawdown: ..... 51 feet  
Yield: ..... 1400 gpm

N-4133. (D-7) Jericho Water District, south of Syosset Circle and west of Colony Lane, Locust Grove. Drilled by Layne-New York Co., Inc., May 28, 1954.

Log:	Thickness (feet)	Depth (feet)
Coarse sand, gravel and boulders .....	31	31
Coarse sand, hard streaks of gravel and boulders .....	64	95
Coarse brown sand, streaks of large gravel .....	45	140
Large gravel and boulders .....	34	174

N-4133. (Continued)	Thickness (feet)	Depth (feet)
Gravel and clay .....	10	184
Gravel, clay and boulders .....	10	194
Fine sand .....	26	220
Sand, gravel and clay .....	15	235
Tough clay .....	11	246
Clay, sand and gravel .....	8	254
Sandy clay, streaks of gravel and hard clay .....	24	278
Coarse gravel .....	53	331
Coarse gravel, boulders and white clay .....	16	347
Sandy clay .....	40	387
Coarse sand and gravel .....	69	456
Sand and clay .....	19	475

Casing: 24 inches.

Screen: 50 feet of 12 inch with bottom at 450 feet.

Pumping test:

May 28, 1954.	Duration: .....	8 hours
	Static water level: .....	102 feet
	Drawdown: .....	56 feet
	Yield: .....	1000 gpm

N-4134. (C-6) H. C. Bohack Co., Inc., south of Front Street and east of Uniondale Avenue, Hempstead. Drilled by Sweeney & Gray Co., Inc., March 13, 1953.

Log:	Thickness (feet)	Depth (feet)
Basement .....	10	10
Sand .....	37	47

Casing: 6 inches.

Screen: 11 feet of 6 inch with bottom at 47 feet.

N-4136. (E-7) Oyster Bay Water District, north of Shore Road, Oyster Bay. Drilled by Long Island Water Supply Co.

Log:	Thickness (feet)	Depth (feet)
Fill .....	3	3
Black silt .....	12	15
Brown sand and small gravel .....	5	20
Brown sand and medium gravel .....	15	35
Brown sandy clay .....	5	40
Brown clay .....	24	64
Gray clay .....	36	100
Brown sandy clay .....	59	159
Brown sand and gravel (muddy) .....	10	169
Brown sandy clay .....	15	184
Brown fine sandy clay .....	6	190
Gray clay (hard) .....	42	232
Brown fine sand .....	33	265
Brown sand and heavy gravel .....	5	270
Red sand and medium gravel .....	7	277
Brown fine sand (few grits) .....	9	286
Brown fine sand and no grits .....	24	310

Note: Well abandoned.

N-4137. (E-7) Oyster Bay Water District, Shore Road, Oyster Bay. Drilled by Long Island Water Supply Co., April 28, 1953.

Log:	Thickness (feet)	Depth (feet)
Fill .....	3	3
Black silt .....	5	8
Sand and gravel (brown) .....	27	35
Brown sandy clay .....	30	65
Gray clay .....	25	90
Brown clay .....	15	105
Brown sandy clay (some gravel) .....	5	110
Brown clay .....	15	125
Brown sandy clay with grits .....	15	140
Brown sandy clay .....	5	145
Brown sandy clay (some gravel) .....	15	160
Brown coarse sand and gravel .....	1	161
Brown coarse sand and gravel .....	2	163
Red sand and gravel .....	2	165
Brown sand and gravel (coarse) .....	20	185
Fine brown sand and gravel .....	3	188

Casing: 12 inches.

Screen: 25 feet of 12 inch with bottom at 188 feet.

Pumping test:

April 28, 1953. Duration: ..... 8 hours  
 Drawdown: ..... 142 feet  
 Yield: ..... 400 gpm

Note: Well flows.

On May 17, 1955 water reported unsatisfactory and well will not be used.

N-4138. (C-7) Keen Shopping Center, north of North Jerusalem Avenue and west of Spring Avenue, Levittown. Drilled by C. W. Lauman & Co., Inc., June 4, 1953.

Log:	Thickness (feet)	Depth (feet)
Basement .....	10	10
Medium coarse, light brown sand and gravel .....	44	54

Casing: 6 inches.

Screen: 8½ feet of 6 inch with bottom at 44½ feet.

Pumping test:

May 6, 1953. Duration: ..... 2 hours  
 Static water level: ..... 5 feet  
 Drawdown: ..... 8 feet  
 Yield: ..... 110 gpm

N-4139. (C-7) Wantagh Fire District, south of Carrolton Avenue and east of Wantagh Avenue, Wantagh. Drilled by C. W. Lauman & Co., Inc., March 31, 1953.

Log:	Thickness (feet)	Depth (feet)
Loam .....	3	3
Fine dark brown sand, small grits and gravel .....	8	11
Coarse light brown sand, grits and gravel .....	19	30
Coarse dark brown sand, grits and gravel .....	13	43

Casing: 4 inches.

Screen: 21 feet of 4 inch with bottom at 43 feet.

N-4139. (Continued)

Pumping test:  
 March 31, 1953. Duration: ..... 4 hours  
 Static water level: ..... 8½ feet  
 Drawdown: ..... 4 feet  
 Yield: ..... 100 gpm

N-4140. (B-6) Sawyer & Dolfinger, c/o Bohack Store, north of St. Lukes Place and west of Grand Avenue, Baldwin. Drilled by Mathies Well & Pump Co., Inc., July 6, 1953.

Log:	Thickness (feet)	Depth (feet)
Coarse sand and gravel .....	23	23
Gray clay and clam shells .....	31	54
Gray clay .....	4	58
Coarse sand, grits and gray clay water .....	9	67

Casing: 6 inches.  
 Screen: 7 feet of 5¾ inch with bottom at 66 feet.

Pumping test:  
 July 6, 1953. Duration: ..... 2 hours  
 Static water level: ..... 5 feet  
 Drawdown: ..... 16½ feet  
 Yield: ..... 90 gpm

N-4141. (E-7) Edward A. Tully, Sr., Bayville Road and Centre Island Road, Centre Island. Drilled by Long Island Water Supply Co., May 8, 1953.

Log:	Thickness (feet)	Depth (feet)
Fine sand .....	12	12
Clay .....	11	23
Sand and grit .....	23	46
Sand and gravel .....	64	110
White clay .....	5	115
Fine sand—muddy .....	11	126
Fine (red) sand .....	11	137
Red clay .....	43	180
Gray clay .....	10	190
Brown clay .....	51	241
Gray clay .....	9	250
Brown clay .....	10	260
Red clay .....	25	285
Gray clay .....	10	295
Water bearing sand .....	10	305
Sand and gravel .....	45	350

Casing: 8 inches.  
 Screen: 10 feet of 6 inch with bottom at 350 feet.

Pumping test:  
 May 4, 1953. Duration: ..... 4 hours  
 Static water level: ..... 3 feet  
 Drawdown: ..... 27 feet  
 Yield: ..... 150 gpm

N-4142. (B-5) A. Klonsky, west of Lefferts Road and north of Cedar Road, Hewlett Bay Park. Drilled by Fred Habenicht & Sons, Inc., April 13, 1953.

Log:	Thickness (feet)	Depth (feet)
Top soil .....	2	2
Yellow sand .....	26	28
Bay bog .....	13	41
Black mud and clam shells .....	22	63
Very fine, gray silty sand .....	14	77
Coarse dirty gray sand .....	12	89
Casing: 4 inches.		
Screen: 8 feet of 4 inch with bottom at 87 feet.		
Pumping test:		
April 12, 1953. Duration: .....		2 days
		3 hours
Static water level: .....		6 feet
Drawdown: .....		18 feet
Yield: .....		73 gpm

N-4144. (D-6) King Kullen Store, north of Jericho Turnpike and west of Barwick Boulevard, Mineola. Drilled by C. W. Lauman & Co., Inc., October 14, 1953.

Log:	Thickness (feet)	Depth (feet)
Basement .....	10	10
Coarse sand, grits, gravel and large stones .....	20	30
Fine to coarse sand .....	10	40
Medium to coarse sand, grits and gravel .....	30	70
Fine to coarse sand .....	9	79
Casing: 6 inches.		
Screen: 11¼ feet of 6 inch with bottom at 68½ feet.		
Pumping test:		
September 29, 1953. Duration: .....		2 hours
Static water level: .....		21 feet
Drawdown: .....		9 feet
Yield: .....		91 gpm

N-4146. (D-8) Bethpage Water District, north of Floral Avenue and east of Adams Avenue, Bethpage. Drilled by C. W. Lauman & Co., Inc., October 11, 1956.

Log:	Thickness (feet)	Depth (feet)
Fill .....	2	2
Fine to coarse sand, grits and gravel .....	33	35
Fine to medium brown sand, mica and hardpan .....	20	55
Fine brown sand and mica .....	9	64
Medium to coarse brown sand, grits and mica .....	16	80
Medium to coarse brown sand, grits, hardpan multi-colored clay and mica .....	19	99
Fine brown sand, mica and some clay .....	6	105
Fine brown sand, mica, hardpan and multi-colored clay .....	18	123
Fine brown sand and some mica .....	4	127
Fine to medium brown sand, streaks of sandy clay and hardpan .....	8	135
Solid and sandy multi-colored clay .....	4	139
Solid dark gray clay .....	2	141
Fine gray sand, mica and lumps of clay .....	6	147

N-4146. (Continued)

	Thickness (feet)	Depth (feet)
Fine to medium brown sand, mica, lumps of clay .....	10	157
Fine to medium gray sand and mica .....	9	166
Fine to medium brown sand, hardpan, multi-colored sandy clay .....	2	168
Hard multi-colored sandy clay and hardpan .....	8	176
Fine brown sand, mica and lumps of multi-colored sandy clay .....	4	180
Fine brown sand, mica, streaks of clay .....	9	189
Fine brown sand and mica .....	3	192
Fine to medium brown sand, hardpan, lumps of multi- colored sandy clay and mica .....	12	204
Fine brown sand, sandy clay, hardpan and mica .....	4	208
Fine brown sand, mica, hardpan and some clay .....	8	216
Fine brown sand, mica, hardpan and streaks of clay .....	10	226
Fine brown sand, mica and hardpan .....	9	235
Solid gray clay .....	3	238

Casing: 16 inches.

Screen: 58¾ feet of 12 inch with bottom at 212 feet.

Pumping test:

October 11, 1956.	Duration: .....	8 hours
	Static water level: .....	50 feet
	Drawdown: .....	28 feet
	Yield: .....	1480 gpm

N-4149. (B-7) U. S. Geological Survey, Merrick Avenue and Extension, Merrick. Drilled by C. W. Lauman & Co., Inc., July 7, 1953.

Log:	Thickness (feet)	Depth (feet)
Fill .....	3	3
Bog .....	1	4
Coarse brown sand, grit and gravel .....	34	38
Solid gray clay .....	11	49
Layers of fine gray sand and solid clay .....	19	68
Medium coarse gray sand and streaks of lignite .....	43	111
Layers of medium coarse gray sand and solid clay .....	10	121
Layers of fine gray sand and solid clay .....	8	129
Medium fine gray sand .....	52	181
Fine gray sand and streaks of clay .....	19	210
Solid gray clay .....	9	219
Layers of medium fine gray sand and solid clay .....	22	241
Fine gray sand and some clay .....	17	258
Solid gray clay and streaks of fine gray sand .....	23	281
Medium fine gray sand and streaks of lignite .....	10	291
Solid black clay and streaks of fine gray sand .....	27	318
Fine gray sand, layers of solid clay, sandy clay and lignite	26	344
Solid black clay .....	12	356
Medium gray sand, layers of fine gray sandy clay, mica, lignite .....	59	415
Fine gray sand, mica, some clay .....	15	430
Fine gray sandy clay, lignite .....	27	457
Fine gray sandy clay, layers of solid clay, lignite .....	42	499
Medium fine gray sand, some mica .....	20	519
Fine gray sand, some clay .....	19	538
Solid clay .....	5	543
Medium fine gray sand, streaks of lignite .....	51	594

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## N-4149. (Continued)

	Thickness (feet)	Depth (feet)
Fine gray sand, streaks of clay, lignite, pyrite .....	24	618
Medium fine gray sand, streaks of clay and lignite .....	40	658
Solid gray clay, streaks of lignite .....	21	679
Medium fine gray sand, streaks of lignite and clay .....	40	719
Coarse gray sand, clay, large gravel .....	17	736
Layers of light gray solid clay and sandy clay .....	9	745
Solid gray clay, streaks of coarse sand and gravel .....	28	773
Light gray sandy clay .....	11	784
Fine gray sand and some clay .....	16	800
Hard gray sandy clay, layers of solid clay, lignite .....	15	815
Fine gray sandy clay .....	9	824
Fine gray sand, some clay .....	9	833
Fine gray sandy clay, streaks of lignite .....	23	856
Solid gray clay, streaks of sandy clay, lignite .....	22	878

Casing: 10 inches.

Screen: 22 feet of 6 inch with bottom at 583 feet.

Pumping test:

September 28, 1953. Duration: .....	7½ hours
Static water level: .....	flows
Drawdown: .....	21 feet
Yield: .....	127 gpm

N-4150. (B-7) United States Geological Survey, (Out-Post Well), south of Merrick Road and west of Buffalo Avenue, Freeport. Drilled by C. W. Lauman & Co., Inc., February 2, 1954.

Log:	Thickness (feet)	Depth (feet)
Fill .....	3	3
Bog .....	9	12
Coarse brown sand, grit and gravel .....	10	22
Coarse gray sandy grit, gravel and lumps of clay .....	16	38
Fine gray sandy clay and streaks of solid clay .....	7	45
Layers of fine gray sand and clay .....	6	51
Medium coarse gray sand, streaks of lignite .....	21	72
Fine gray sand, some mica .....	7	79
Medium coarse gray sand, streaks of clay .....	31	110
Solid clay, lignite and medium coarse gray sand .....	6	116
Medium coarse gray sand .....	20	136
Fine gray sand, some clay and mica .....	32	168
Medium gray sand, traces of lignite .....	9	177
Fine gray sand, some clay, layers of lignite .....	18	195
Solid dark gray clay, layers of lignite .....	13	208
Medium gray sand, some clay, lignite .....	25	233
Medium gray sand, layers of solid clay, lignite .....	11	244
Solid gray clay, layers of fine gray sand .....	7	251
Fine gray sand, clay, layers of lignite .....	14	265
Medium gray sand, some clay .....	20	285
Fine gray sand, mica, layers of clay and lignite .....	31	316
Layers of solid clay, sandy clay and lignite .....	18	334
Medium fine gray sand .....	31	365
Fine gray sand and clay .....	11	376
Medium fine gray sand, layers of lignite and pyrite .....	7	383
Fine gray sandy clay, streaks of lignite .....	20	403
Fine gray sand, streaks of lignite .....	41	444
Solid gray clay, streaks of sandy clay .....	11	455
Fine gray sand, mica, streaks of lignite .....	15	470
Medium fine gray sand .....	22	492



N-4150. (Continued)	Thickness (feet)	Depth (feet)
Fine gray sandy clay .....	14	506
Medium fine gray sand, streaks of lignite .....	32	538
Gray sandy clay, mica .....	30	568
Solid gray clay, layers of lignite .....	12	580
Fine gray sand, clay, mica, streaks of brown clay .....	7	587
Gray sandy clay, streaks of solid clay .....	11	598
Fine gray sand, clay, mica .....	8	606
Solid gray clay, streaks of gray sand .....	25	631
Medium fine gray sand .....	8	639
Layers of fine gray sand, sandy clay and lignite .....	14	653
Medium fine gray sand, streaks of lignite .....	8	661
Coarse gray sand, grits, some clay .....	6	667
Solid gray clay .....	14	681
Coarse gray sand, grit, some clay (very dirty) .....	22	703
Fine gray sand .....	10	713
Medium coarse gray sand .....	17	730
Coarse gray sand, gravel, layers of solid clay .....	23	753
Solid gray clay .....	12	765
Fine gray sandy clay, mica .....	17	782
Medium gray sand, mica, some clay .....	11	793
Solid hard multi-color clay .....	32	825

Casing: 15, 10 and 6 inches.

Screen: 15 $\frac{2}{3}$  feet of 6 inch with bottom at 745 feet.

Pumping test:

February 1, 1954. Duration: ..... 1 day 6 hours  
 Static water level: ..... 4 feet above grade  
 Drawdown: ..... 37 feet  
 Yield: ..... 340 gpm

N-4151. (C-5) Jasco Aluminum Products Corporation, south of Jericho Turnpike and west of Nassau Terminal Road, New Hyde Park. Drilled by Mathies Well & Pump Co., Inc., April 13, 1953.

Log:	Thickness (feet)	Depth (feet)
Fill .....	1	1
Loam .....	3	4
Coarse sand and gravel .....	65	69

Casing: 4 inches.

Screen: 5 feet of 3 $\frac{3}{4}$  inch with bottom at 67 feet.

Pumping test:

April 13, 1953. Duration: ..... 2 hours  
 Static water level: ..... 36 $\frac{1}{3}$  feet  
 Drawdown: ..... 7 feet  
 Yield: ..... 60 gpm

N-4153. (C-6) First Federal Savings & Loan Association, south of Fulton Avenue and west of High Street, Hempstead. Drilled by Eastern Well & Pump Co., May 22, 1953.

Log:	Thickness (feet)	Depth (feet)
Pit .....	10	10
Sand and gravel .....	44	54

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N-4153. (Continued)

Casing: 6 inches.

Screen: 10 feet of 6 inch with bottom at 54 feet.

Pumping test:

May 22, 1953. Duration: ..... 3 hours  
 Static water level: ..... 5 feet  
 Yield: ..... 150 gpm

N-4154. (D-7) A. Allen, north of John Street and west of Cantiague Road, Westbury.  
 Drilled by Fred Habenicht & Sons, April 24, 1953.

Log:	Thickness (feet)	Depth (feet)
Pit .....	6	6
Very coarse sand .....	21	37
Yellow sand .....	54	91
Dry blue clay .....	2	93
Hard-packed brown coarse gravel .....	5	98
Well point .....	3	101

Casing: 4 inches.

Screen: 3 feet of 2 inch with bottom at 101 feet.

Pumping test:

April 21, 1953. Duration: ..... 3 hours  
 Static water level: ..... 79 feet  
 Yield: ..... 4 gpm

N-4173. (D-5) Sperry Gyroscope Company, south of Marcus Avenue and east of Lakeville Road, Lake Success. Drilled by Layne-New York Co., Inc., July 1, 1954.

Log:	Thickness (feet)	Depth (feet)
Sand and boulders .....	67	67
Brown sand and boulders .....	26	93
Clay .....	3	96
Streaks of sand and clay .....	10	106
Sand and gravel .....	12	118
Clay .....	4	122
Streaks of sand and gravel .....	36	158
Streaks of sand and clay .....	46	204
Sand and gravel .....	51	255
Sand, gravel and clay .....	22	277

Casing: 30 inches.

Screen: 30 feet of 12 inch with bottom at 255 feet.

Pumping test:

July 1, 1954. Duration: ..... 8 hours  
 Static water level: ..... 64 feet  
 Drawdown: ..... 36 feet  
 Yield: ..... 1190 gpm

N-4175. (D-8) J. Geracci, Kenner Road and Evergreen Street, Bethpage. Drilled by Fred Habenicht & Sons, May 19, 1953.

Log:	Thickness (feet)	Depth (feet)
Top soil .....	2	2
Sand and pebbles .....	35	37

N-4175. (Continued)

	Thickness (feet)	Depth (feet)
Very coarse sand .....	12	49
White sand and gravel .....	12	61
Coarse yellow sand and pebbles .....	4	65
Well point .....	4	69

Casing: 4 inches.

Screen: 4 feet of 2 inch with bottom at 68 feet.

Pumping test:

May 18, 1953.	Duration: .....	2 hours
	Static water level: .....	54 feet
	Yield: .....	4 gpm

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N-4176. (C-8) Corte's Restaurant, east of Broadway at South Oyster Bay Road, Bethpage.  
Drilled by C. W. Lauman & Co., Inc., October 6, 1953.

Log:	Thickness (feet)	Depth (feet)
Top soil .....	4	4
Coarse white sand and gravel .....	34	38
Dark, rusty sand and gravel .....	6	44
White and brown sand and gravel .....	116	160
Coarse sand .....	18	178
Fine white sand .....	10	188
Coarse white gravel .....	10	198
Sand and gravel .....	9	207
Gray clay .....	14	221
Fine sand .....	76	297
Fine white sand .....	8	309

Casing: 4 inches.

Screen: 11 feet of 4 inch with bottom at 309 feet.

Pumping test:

July 2, 1953.	Duration: .....	2 hours
	Static water level: .....	43½ feet
	Drawdown: .....	27 feet
	Yield: .....	60 gpm

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N-4178. (C-6) Long Island Lighting Co., Old Country Road, Mineola. Drilled by Eastern  
Well & Pump Co., July 9, 1953.

Log:	Thickness (feet)	Depth (feet)
Basement .....	14	14
Medium to coarse brown sand .....	70	84

Casing: 8 inches.

Screen: 15 feet of 6 inch with bottom at 83 feet.

Pumping test:

July 9, 1953.	Duration: .....	4 hours
	Static water level: .....	16¾ feet
	Yield: .....	270 gpm

N-4180. (D-7) New Cassel Blouse Co., south of Grand Boulevard and east of Covert Street, New Cassel. Drilled by Eastern Well & Pump Co., June 15, 1953.

Log:	Thickness (feet)	Depth (feet)
Brown, dirty sand and clay .....	2	2
Coarse brown sand and grit .....	3	5
Coarse brown sand, grit and gravel .....	17	22
Hard, brown solid clay .....	8	30
Very fine sandy brown clay and silt .....	13	43
Heavy layer of hardpan .....	2	45
Fine to medium dirty sand, some clay, hardpan grits .....	4	49
Fine brown sand, lumps clay and mica .....	3	52
Very fine, silty brown sand .....	3	55
Solid brown clay .....	2	57
Dirty, fine, brown sand .....	4	61
Fine to medium light brown sand .....	2	63
Dirty, brown sand, mica, hardpan and clay .....	10	73
Solid brown clay .....	3	76
Fine to medium brown sand, fairly clean and sharp .....	14	90
Solid, grayish-brown clay .....	2	92
Casing: 6 inches.		
Screen: 10 feet of 4 inch with bottom at 92 feet.		
Pumping test:		
June 15, 1953. Duration: .....		2 hours
Static water level: .....		30 feet
Yield: .....		69 gpm

N-4182. (C-6) Raceway Diner, north of Old Country Road and west of Albany Avenue, Westbury. Drilled by Fred Habenicht & Sons, June 1, 1953.

Log:	Thickness (feet)	Depth (feet)
Sand .....	56	56
Clay at this level .....		56
Casing: 4 inches.		
Screen: 8 feet of 4 inch with bottom at 56 feet.		
Pumping test:		
June 1, 1953. Duration: .....		4 hours
Static water level: .....		41 feet
Yield: .....		15 gpm

N-4193. (E-7) Joe Dee's, north of E. Main Street and east of South Street, Oyster Bay. Drilled by E. K. Hutchinson & Son, March 25, 1954.

Log:	Thickness (feet)	Depth (feet)
Loam and gravel .....	20	20
Fine sand and gravel .....	30	50
Clay .....	25	75
Sand and gravel .....	25	100
Casing: 6 inches.		
Screen: 10 feet of 55/8 inch with bottom at 96 feet.		
Pumping test:		
June 3, 1953. Duration: .....		2 hours
Static water level: .....		4 feet
Drawdown: .....		24 feet
Yield: .....		100 gpm

N-4199. (D-8) Harry Ernenwein, Old Country Road and Round Swamp Road, Plainview.  
 Drilled by Mathies Well & Pump Co., Inc., June 19, 1953.

Log:	Thickness (feet)	Depth (feet)
Medium clean sand .....	60	60
Medium sand, few gravel and clay balls .....	19	79
Coarse sand and gravel .....	25	104
Hardpan .....	6	110
Fine sandy clay .....	14	124
Fine red sand and lumps of clay .....	7	131
Very fine red sand and lumps of clay .....	6	137

Casing: 4 inches.

Screen: 6 feet of 17/8 inch with bottom at 131 feet.

Pumping test:

June 1, 1953.	Duration: .....	4 hours
	Static water level: .....	102 feet
	Drawdown: .....	2 feet
	Yield: .....	12 gpm

N-4201. (C-6) Frostland, north of North Franklin Avenue and west of Long Island Railroad, Hempstead. Drilled by Fred Habenicht & Sons, September 6, 1953.

Log:	Thickness (feet)	Depth (feet)
Well pit .....	6	6
Sand and gravel (gas odor present) .....	26	32
Black sand .....	10	42

Casing: 4 inches.

Screen: 8 feet of 4 inch with bottom at 42 feet.

Pumping test:

September 3, 1953.	Duration: .....	3 hours
	Static water level: .....	12 feet
	Drawdown: .....	10 feet
	Yield: .....	40 gpm

N-4206. (D-6) Carle Place Water District, north of Asbury Avenue and west of Cherry Lane, Carle Place. Drilled by Layne-New York Co., Inc., August 5, 1954.

Log:	Thickness (feet)	Depth (feet)
Heavy gravel .....	59	59
Yellow clay and sand .....	100	159
Black and gray clay .....	8	167
Gray clay and sand .....	41	208
Sandy clay .....	24	232
Sand and gravel .....	6	238
Sand, gravel and streaks clay (white) .....	32	270
Sand and gravel .....	8	278
Clay .....	2	280
Sandy clay .....	10	290
White clay .....	6	296
Coarse gravel and sand .....	62	358
Sandy clay .....	10	368

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N-4206. (Continued)

Casing: 24 inches.

Screen: 50 feet of 10 inch with bottom at 355 feet.

Pumping test:

August 5, 1954. Duration: ..... 8 hours  
 Static water level: ..... 31 feet  
 Drawdown: ..... 29 feet  
 Yield: ..... 1000 gpm

N-4210. (C-7) Philip Cohen & Sons, northeast of Jerusalem Road and Ennebrock Road, East Meadow. Drilled by Eastern Well & Pump Co., December 8, 1953.

Log:	Thickness (feet)	Depth (feet)
Basement .....	7	7
Sand and gravel .....	29	36

Casing: 6 inches.

Screen: 5 feet of 4 inch with bottom at 35 feet.

Pumping test:

November 30, 1953. Duration: ..... 2 hours  
 Static water level: ..... 8 feet  
 Yield: ..... 69 gpm

N-4214. (C-6) Olton Realty Corporation, east of Old Country Road and south of Washington Avenue, Garden City. Drilled by Mathies Well & Pump Co., Inc., July 20, 1953.

Log:	Thickness (feet)	Depth (feet)
Coarse sand and heavy gravel .....	55	55
Fine sand and some gravel .....	13	68

Casing: 6 inches.

Screen: 11 feet of 4 inch with bottom at 68 feet.

Pumping test:

July 20, 1953. Duration: ..... 6 hours  
 Static water level: ..... 34½ feet  
 Drawdown: ..... 4½ feet  
 Yield: ..... 80 gpm

N-4215. (D-6) Levitt & Sons, Inc., north of Club Drive and east of Field Lane, Roslyn. Drilled by Mathies Well & Pump Co., Inc., May 10, 1954.

Log:	Thickness (feet)	Depth (feet)
Fill .....	2	2
Coarse sand and gravel .....	94	96
Lumps of white clay and fine sand .....	1	97
Fine sand — clean and lively .....	7	104

Casing: 6 inches.

Screen: 16 feet of 6 inch with bottom at 103 feet.

Pumping test:

May 10, 1954. Duration ..... 4 hours  
 Static water level: ..... 52 feet  
 Yield: ..... 150 gpm

N-4218. (C-6) Joseph H. Cohen, south of Hempstead Turnpike and east of Peach Grove Drive, West Hempstead. Drilled by Eastern Well & Pump Co., September 17, 1953.

Log:	Thickness (feet)	Depth (feet)
Pit .....	7	7
Sand and gravel .....	27	34

Casing: 4 inches.  
Screen: 4 feet of 4 inch with bottom at 34 feet.

Pumping test:  
September 17, 1953. Duration: ..... 2 hours  
Static water level: ..... 12 $\frac{3}{4}$  feet  
Yield: ..... 30 gpm

N-4220. (D-6) Roslyn Savings Bank, south of Northern Boulevard and west of Broadway, Roslyn. Drilled by Eastern Well & Pump Co., December 8, 1953.

Log:	Thickness (feet)	Depth (feet)
Fill .....	3	3
Solid brown clay .....	2	5
Brown sand and gravel .....	19	24

Casing: 6 inches.  
Screen: 4 feet of 4 inch with bottom at 23 feet.

Pumping test:  
December 8, 1953. Duration: ..... 2 hours  
Static water level: ..... 5 feet  
Yield: ..... 25 gpm

N-4221. (C-7) Leider Shop Park, Inc., south of Hempstead Turnpike and west of Gardiners Avenue, Levittown. Drilled by Mathies Well & Pump Co., Inc., July 24, 1953.

Log:	Thickness (feet)	Depth (feet)
Coarse sand and gravel .....	41	41

Casing: 4 inches.  
Screen: 5 feet of 4 inch with bottom at 41 feet.

Pumping test:  
July 24, 1953. Duration: ..... 2 hours  
Static water level: ..... 12 feet  
Drawdown: ..... 7 feet  
Yield: ..... 75 gpm

N-4223. (D-5) Port Washington Water District, south of Wakefield Avenue and west of Emerson Court, Port Washington. Drilled by C. W. Lauman & Co., Inc., March 27, 1954.

Log:	Thickness (feet)	Depth (feet)
Top soil .....	1	1
Loam, large gravel and nigger heads .....	10	11
Coarse brown sand, grits, gravel, boulders .....	21	32
Coarse brown sand, large gravel and lumps of clay .....	7	39
Coarse brown sand and large gravel .....	20	59
Solid gray clay .....	9	68

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## N-4223. (Continued)

	Thickness (feet)	Depth (feet)
Layers of medium coarse gray sand and clay .....	15	83
Solid gray clay .....	18	101
Medium coarse sand, grits and gravel .....	35	136
Fine brown sand and streaks of clay .....	29	165
Streaks of solid brown clay and sand .....	9	174
Medium fine brown sand .....	12	186
Fine brown sand and streaks of clay .....	9	195
Medium fine brown sand .....	4	199
Medium coarse brown sand, grits and gravel .....	128	327
Solid gray clay streaks, medium coarse sand .....	4	331
Coarse brown sands, grits, gravel, clay .....	9	340
Streaks fine sand, sandy clay, solid clay .....	6	346
Fine brown sand .....	5	351
Fine white sand, some clay .....	6	357
Medium fine brown sand .....	13	370
Solid light gray, streaks sandy clay .....	6	376
Fine gray sandy clay .....	5	381
Medium fine brown sand, some clay .....	5	386
Solid multi-color clay .....	35	421
Pink sandy clay .....	17	438
Solid multi-color clay .....	38	476
Layers hardpan, medium coarse .....	27	503
Brown sand and clay .....	4	507
Solid light gray clay .....	3	510

Casing: 20 and 12 inches.

Screen: 53 feet of 12 inch with bottom at 330 feet.

Pumping test:

March 27, 1954.	Duration: .....	8	hours
	Static water level: .....	172	feet
	Drawdown: .....	20½	feet
	Yield: .....	700	gpm

N-4225. (C-7) Israel Community Center, north of Hempstead Turnpike and west of Jerusalem Avenue, Levittown. Drilled by C. W. Lauman & Co., Inc., August 11, 1953.

Log:	Thickness (feet)	Depth (feet)
Sand, clay, grits .....	2	2
Sand, grits, gravel .....	39	41

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 41 feet.

Pumping test:

July 22, 1953.	Duration: .....	2	hours
	Static water level: .....	27	feet
	Yield: .....	30	gpm

N-4226. (B-6) Ross Court, south of Sunrise Highway and west of Lewis Avenue, Rockville Centre. Drilled by C. W. Lauman & Co., Inc., July 31, 1953.

Log:	Thickness (feet)	Depth (feet)
Coarse brown sand and gravel .....	30	30
Very fine brown sand .....	8	38
Coarse brown sand and gravel .....	15	53
Fine brown sand .....		below 53



N-4226. (Continued)

Casing: 4 inches.

Screen: 11 feet of 4 inch with bottom at 52 feet.

Pumping test:

July 24, 1953. Duration: ..... 2 hours  
Static water level: ..... 13 feet  
Drawdown: ..... 9 feet  
Yield: ..... 85 gpm

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N-4228. (B-5) Beth Sholom Congregation, south of Broadway and west of Washington Avenue, Lawrence. Drilled by C. W. Lauman & Co., Inc., September 25, 1953.

Log:	Thickness (feet)	Depth (feet)
Fill .....	5	5
Medium coarse light brown sand and some gravel .....	8	13
Medium fine light brown sand .....	3	16
Medium coarse light brown sand and plenty of gravel .....	7	23
Medium fine light brown sand and some gravel .....	17	40
Coarse brown sand, gravel and clay .....		below 40

Casing: 4 inches.

Screen: 10½ feet of 4 inch with bottom at 40 feet.

Pumping test:

July 28, 1953. Duration: ..... 4 hours  
Static water level: ..... 11 feet  
Drawdown: ..... 9 feet  
Yield: ..... 60 gpm

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N-4229. (D-6) Sam Kuttner, north of Westwood Circle and east of Power House Road, Roslyn. Drilled by Mathies Well & Pump Co., Inc., August 10, 1953.

Log:	Thickness (feet)	Depth (feet)
Pit .....	5	5
Coarse sand, dirty gravel and large stones .....	10	15
Coarse sand, clean gravel and large stones .....	23	38
Coarse sand, gravel and large stones with clay .....	25	63
Coarse sand, gravel and large stones .....	28	91
Coarse sand and gravel (clean) .....	20	111
Medium sand, grits and clean gravel .....	14	125

Casing: 6 inches.

Screen: 5 feet of 5⅝ inch with bottom at 119½ feet.

Pumping test:

August 10, 1953. Duration: ..... 2 hours  
Static water level: ..... 94 feet  
Drawdown: ..... 7 feet  
Yield: ..... 72 gpm

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N-4231. (D-6) Westbury Valet Co., Inc., north of Long Island Railroad and west of Post Avenue, Westbury. Drilled by C. W. Lauman & Co., Inc., January 30, 1954.

Log:	Thickness (feet)	Depth (feet)
Fill .....	4	4
Coarse brown sand and gravel .....	21	25
Medium coarse brown sand and some gravel .....	12	37

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N-4231. (Continued)

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 37 feet.

Pumping test:

August 8, 1953. Duration: ..... 2 hours  
 Static water level: ..... 18 feet  
 Drawdown: ..... 6½ feet  
 Yield: ..... 30 gpm

N-4232. (E-7) Robert Pittis, Cove Neck Road and Private Road, Cove Neck. Drilled by C. W. Lauman & Co., Inc., November 4, 1953.

Log:	Thickness (feet)	Depth (feet)
Loam .....	5	5
Sandy clay and stones .....	13	18
Medium fine sand, mica, very few grits .....	14	32
Coarse sand, grits .....	16	48
Coarse sand, grits and gravel .....	6	54
Traces of clay with heavy gravel and stones at .....		54

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 54 feet.

Pumping test:

October 31, 1953. Duration: ..... 2 hours  
 Static water level: ..... 9 feet  
 Drawdown: ..... 17 feet  
 Yield: ..... 60 gpm

N-4233. (C-5) Dans Supreme Super Market Inc., east of North Central Avenue and north of Hendrickson Avenue, Valley Stream. Drilled by Eastern Well & Pump Co.

Log:	Thickness (feet)	Depth (feet)
Clean sharp medium coarse sand, some gravel .....	33	33

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 32 feet.

Pumping test:

July 28, 1953. Duration: ..... 2 hours  
 Static water level: ..... 6½ feet  
 Yield: ..... 60 gpm

N-4237. (B-6) Otto Winther, c/o Associated Food Stores, south of St. Marks Avenue and west of Atlantic Avenue, Freeport. Drilled by Mathies Well & Pump Co., Inc., July 28, 1953.

Log:	Thickness (feet)	Depth (feet)
Fill .....	1	1
Top soil .....	1	2
Coarse sand and gravel .....	2	4
Coarse sand .....	26	30

Casing: 4 inches.

Screen: 5 feet of 3¾ inch with bottom at 28¾ feet.

Pumping test:

July 28, 1953. Duration: ..... 2 hours  
 Static water level: ..... 7 feet  
 Yield: ..... 72 gpm

N-4243. (D-5) Manhasset-Lakeville Water District, north of Northern State Parkway and east of Lakeville Road, Lake Success. Drilled by Layne-New York Co., Inc., August 28, 1953.

Log:	Thickness (feet)	Depth (feet)
Clay .....	10	10
Boulders .....	4	14
Hardpan .....	23	37
Sand, gravel and boulders .....	54	91
Clay .....	18	109
Clay and some sand .....	30	139
Fine sand and clay .....	41	180
Clay .....	14	194
Coarse sand and gravel .....	63	257
Sand, gravel and clay .....	18	275

Casing: 30 inches.

Screen: 50 feet of 12 inch with bottom at 255 feet.

Pumping test:

August 28, 1953. Duration: ..... 8 hours  
 Static water level: ..... 71 feet  
 Drawdown: ..... 17 feet  
 Yield: .....1056 gpm

N-4245. (D-7) Jericho Water District, south of Jericho Turnpike and west of Mead Lane, Jericho. Drilled by Layne-New York Co., Inc., February 17, 1955.

Log:	Thickness (feet)	Depth (feet)
Sand, gravel and boulders .....	150	150
Sand, gravel and clay .....	220	370
Clay .....	17	387
Hard sand and clay .....	32	419
Clay .....	12	431
Sandy clay .....	19	450
Sand .....	58	508
Sandy clay .....	10	518
Sand and gravel .....	49	567
Clay .....	5	572
Sandy clay .....	33	605

Casing: 18 inches.

Screen: 40 feet of 12 inch with bottom at 605 feet.

Pumping test:

November 12, 1953. Duration: ..... 8 hours  
 Static water level: ..... 150 feet  
 Drawdown: ..... 43 feet  
 Yield: .....1319 gpm

N-4246. (D-7) Jericho Water District, south of Robbins Lane and west of Fox Lane, Jericho. Drilled by Layne-New York Co., Inc., November 5, 1954.

Log:	Thickness (feet)	Depth (feet)
Top soil and sandy clay .....	9	9
Coarse sand, gravel, large boulders .....	31	40
Coarse yellow sand and gravel .....	35	75

(Continued on next page)

N-4246. (Continued)

	Thickness (feet)	Depth (feet)
Coarse brown sand, gravel streaks, clay and boulders .....	25	100
Coarse sand and heavy gravel .....	20	120
Brown and white sand and gravel .....	10	130
Cemented gravel and boulders .....	10	140
Coarse sand and gravel .....	20	160
Brown clay .....	4	164
Fine yellow sand, thin streaks of clay .....	30	194
Tough blue clay .....	26	220
Hard white sandy clay .....	30	250
Fine sand and white clay gravel .....	21	271
Fine sand, gravel .....	9	280
Clay .....	10	290
Medium coarse sand .....	21	311
White clay .....	13	324
Fine to coarse white sand, clay streaks .....	16	340
White clay, sand and gravel .....	18	358
Coarse sand and gravel .....	12	370
White sand, streaks of white clay .....	30	400
Coarse sand and fine gravel .....	14	414
Coarse white sand and gravel, streaks of white clay .....	41	455
White clay .....	4	459
Black clay .....	6	465

Casing: 24, 18 and 12 inches.

Screen: 50 feet of 12 inch with bottom at 453 feet.

Pumping test:

November 5, 1954. Static water level: ..... 110 feet  
 Drawdown: ..... 36 feet  
 Yield: ..... 1140 gpm

N-4249. (B-5) West Long Beach Sewer District, north of Bay Boulevard and east of Second Street, Atlantic Beach. Drilled by Mathies Well & Pump Co., Inc., August 11, 1953.

Log:	Thickness (feet)	Depth (feet)
Beach sand .....	25	25

Casing: 4 inches.

Screen: 6 feet of 4 inch with bottom at 23 feet.

Pumping test:

August 11, 1953. Duration: ..... 2 hours  
 Static water level: ..... 8½ feet  
 Drawdown: ..... 6½ feet  
 Yield: ..... 60 gpm

N-4257. (B-5) Congregation Sons of Israel, north of Central Avenue and west of Irving Place, Woodmere. Drilled by Mathies Well & Pump Co., Inc., April 24, 1954.

Log:	Thickness (feet)	Depth (feet)
Fill .....	5	5
Heavy gravel and fine sand .....	3	8
Fine sand and large stones .....	3	11
Coarse sand and gravel .....	24	35
Fine sand and trace of clay .....	55	90
Black clay .....	30	120
Fine sand and clay .....	1	121

N-4257. (Continued)	Thickness (feet)	Depth (feet)
Green clay .....	2	123
Medium sand and small grits .....	9	132
Coarse sand and grits .....	11	143
Medium sand—black specks .....	2	145
Casing: 6 inches.		
Screen: 12 feet of 6 inch with bottom at 143 feet.		
Pumping test:		
April 22, 1954.	Duration: .....	8 hours
	Static water level: .....	23 feet
	Drawdown: .....	19 feet
	Yield: .....	150 gpm

N-4258. (B-5) J. Bernstein, east of Huntly Place and north of Herford Street, Hewlett.  
 Drilled by Eastern Well & Pump Co., September 16, 1953.

Log:	Thickness (feet)	Depth (feet)
Sandy loam .....	2	2
Sand and gravel .....	11	13
Fine gray sand, few gravel .....	10	23
Light brown sand and gravel .....	28	51
Casing: 4 inches.		
Screen: 5 feet of 4 inch with bottom at 50½ feet.		
Pumping test:		
September 16, 1953.	Duration: .....	2 hours
	Static water level: .....	17½ feet
	Yield: .....	50 gpm

N-4262. (C-7) Henry Knabbe, south of Red Maple Drive and east of Wantagh Avenue,  
 Wantagh. Drilled by Eastern Well & Pump Co., September 10, 1953.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel .....	24	24
Casing: 4 inches.		
Screen: 4 feet of 4 inch with bottom at 24 feet.		
Pumping test:		
September 10, 1953.	Duration: .....	2 hours
	Static water level: .....	10 feet
	Yield: .....	25 gpm

N-4265. (D-6) Roslyn Water District, north of Garvan-Whitney Phipps Road and east of  
 Glen Cove Road, Roslyn. Drilled by Layne-New York Co., Inc., August 12, 1954.

Log:	Thickness (feet)	Depth (feet)
Hardpan and boulders .....	25	25
Sand, gravel and boulders .....	110	135
Sand, gravel and clay .....	19	154
Clay .....	9	163
Sand, gravel and streaks clay .....	33	196
Sandy clay and hard clay .....	81	277

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N-4265. (Continued)	Thickness (feet)	Depth (feet)
Sand and gravel .....	15	292
Clay .....	6	298
Sand and gravel .....	41	339
Red clay .....	4	343
Sand and gravel .....	8	351
Clay .....	32	383
Sand and gravel .....	21	404
Clay .....	12	416
Coarse sand and fine gravel .....	72	488
Sand, gravel and clay .....	15	503

Casing: 24 inches.

Screen: 50 feet of 10 inch with bottom at 485 feet.

Pumping test:

August 12, 1954.	Duration: .....	8 hours
	Static water level: .....	126 feet
	Drawdown: .....	35 feet
	Yield: .....	1000 gpm

N-4266. (D-5) United States Geological Survey (Outpost Well), south of Piccadilly Road and east of Middle Neck Road, Great Neck. Drilled by C. W. Lauman & Co., Inc., December 4, 1954.

Log:	Thickness (feet)	Depth (feet)
Top soil .....	1	1
Loam .....	4	5
Medium coarse brown sand, large gravel .....	56	61
Solid brown clay and streaks of sandy clay .....	7	68
Solid gray clay, streaks of medium fine sand .....	6	74
Medium fine brown sand, layers of sandy clay .....	19	93
Solid gray clay .....	16	109
Fine brown sand .....	8	117
Solid brown clay .....	17	134
Fine brown sandy clay, mica, layers of fine brown sand .....	24	158
Medium fine brown sand, mica .....	7	165
Fine brown sand, mica (dirty) .....	8	173
Fine brown sandy clay, mica, streaks of fine brown sand .....	20	193
Fine brown sand, mica (dirty) .....	19	212
Solid hard gray clay, few pieces of gravel .....	21	233
Hard gray clay, layers of lignite .....	15	248
Hard gray rock .....	3	251
Solid hard gray and red clay .....	47	298
Solid brown clay .....	9	307
Medium brown sand, streaks of sandy and solid clay .....	18	325
Solid light gray clay .....	11	336
Medium brown sand, grits, some clay .....	8	344
Medium coarse brown sand, layers of solid gray clay .....	10	354
Very fine brown sand, clay, mica, layers of solid clay .....	15	369
Layers of solid gray clay, gray sandy clay with grits and gravel .....	11	380
Coarse brown sand, gravel, small amount of clay .....	7	387
Medium fine brown sand, layers of gray clay .....	7	394
Solid gray clay .....	6	400
Coarse brown sand, grit and gravel .....	5	405
Brown clay and sandy clay .....	3	408
Decayed rock .....	67	475

Casing: 10 inches.

Screen: 15¾ feet of 6 inch with bottom at 392½ feet.

N-4266. (Continued)

Pumping test:  
 November 29, 1954. Duration: ..... 24 hours  
 Static water level: ..... 48 feet  
 Drawdown: ..... 63 feet  
 Yield: ..... 113 gpm

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N-4267. (B-6) Associated Food Stores, south of Lakeview Avenue and east of Long Beach Road, Rockville Centre. Drilled by Fred Habenicht & Sons, November 14, 1953.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel .....	51	51

Casing: 4 inches.

Screen: 10 feet of 3¾ inch with bottom at 51 feet.

Pumping test:  
 November 14, 1953. Duration: ..... 8 hours  
 Static water level: ..... 9 feet  
 Drawdown: ..... 12 feet  
 Yield: ..... 61 gpm

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N-4269. (B-5) Associated Food Stores, west of Broadway and north of South Broadway, Hewlett. Drilled by Fred Habenicht & Sons, October 22, 1953.

Log:	Thickness (feet)	Depth (feet)
Sand, pebbles .....	17	17
Coarse sand .....	16	33
Gray dry clay .....	16	49
Light yellow clay and wet sand .....	8	57
Dirty coarse yellow sand .....	16	73
Red clay .....	8	81

Casing: 4 inches.

Screen: 8 feet of 3¾ inch with bottom at 73 feet.

Pumping test:  
 October 11, 1953. Duration: ..... 3 hours  
 Static water level: ..... 19 feet  
 Drawdown: ..... 11 feet  
 Yield: ..... 68 gpm

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N-4271. (C-8) Massapequa Market, Inc., north of Brooklyn Avenue and west of Ocean Avenue, Massapequa. Drilled by Mathies Well & Pump Co., Inc., September 23, 1953.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel .....	40	40

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 40 feet.

N-4274. (B-5) A. Messinger, north of Briarwood Crossing and west of Long Drive, Lawrence.  
 Drilled by Eastern Well & Pump Co., November 23, 1953.

Log:	Thickness (feet)	Depth (feet)
Fill .....	3	3
Light brown sand and gravel .....	12	15
Fine light brown sand, rusty gravel .....	10	25
Fine dirty brown sand with layers of brown clay .....	10	35
Fine to medium brown sand, few grits and gravel. Washes clean .....	35	70

Casing: 6 inches.

Screen: 10 $\frac{2}{3}$  feet of 4 inch with bottom at 70 feet.

Pumping test:

November 23, 1953.	Duration: .....	2 hours
	Static water level: .....	13 $\frac{1}{2}$ feet
	Yield: .....	69 gpm

N-4298. (C-5) Jamaica Water Supply Co., north of Cisney Avenue and west of Gilbert Court,  
 Floral Park. Drilled by Layne-New York Co., Inc.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel .....	74	74
Hard streak .....	1	75
Sand and gravel .....	15	90
Sand and clay (various colors) .....	42	132
Brown sand .....	36	168
Clay, coarse sand .....	22	190
Clay and fine sand .....	13	203
Coarse sand and clay .....	32	235
Sand and gravel .....	9	244
Fine sand and clay .....	13	257
Sand and gravel .....	26	283
Sand and clay .....	35	318
Sand and clay balls .....	27	345
Coarse sand and gravel .....	39	384
Sand and clay .....	6	390

Casing: 18 and 12 inches.

Screen: 35 feet of 12 inch with bottom at 384 feet.

Pumping test:

October 16, 1953.	Duration: .....	8 hours
	Static water level: .....	30 feet
	Drawdown: .....	53 feet
	Yield: .....	1500 gpm

N-4300. (C-7) Jamison Plastics, south of Jerusalem Avenue and east of Newbridge Road,  
 North Bellmore. Drilled by C. W. Lauman & Co., Inc., April 15, 1954.

Log:	Thickness (feet)	Depth (feet)
Fill and roots .....	6	6
Top soil .....	2	8
Gray clay and stones .....	2	10
Fine to coarse sand, grits and gravel .....	20	30
Fine to coarse sand, grits, gravel and graduated stones .....	31	61



N-4300. (Continued)

Casing: 8 inches.

Screen: 11 feet of 8 inch with bottom at 61 feet.

Pumping test:

October 23, 1953. Duration: ..... 7 hours  
 Static water level: ..... 8 feet  
 Drawdown: ..... 20 feet  
 Yield: ..... 220 gpm

N-4301. (D-7) Robert W. Bogart, north of Chestnut Street and west of Elm Street, Hicksville. Drilled by C. W. Lauman & Co., Inc., October 16, 1953.

Log:	Thickness (feet)	Depth (feet)
Top soil, loam and stones .....	4	4
Coarse light brown sand and plenty gravel .....	69	73
Coarse brown sand and plenty gravel .....	15	88
Fine light brown sand and some clay .....	3	91

Casing: 6 inches.

Screen: 6 feet of 6 inch with bottom at 87 feet.

Pumping test:

October 9, 1953. Duration: ..... 1 hour  
 Static water level: ..... 71 feet  
 Drawdown: ..... 5 feet  
 Yield: ..... 20 gpm

N-4308. (D-6) George Smith, c/o Linaco Building Corporation, north of Park Avenue and east of Magnolia Street, Westbury. Drilled by Mathies Well & Pump Co., Inc., November 13, 1953.

Log:	Thickness (feet)	Depth (feet)
Heavy gravel .....	29	29
Yellow clay and some sand .....	5	34
Coarse sand and chunks of yellow clay .....	25	59
Solid yellow clay .....	9	68
Fine sand and light red clay .....	4	72
Coarse white sand .....	5	77

Casing: 4 inches.

Screen: 2 $\frac{2}{3}$  feet of 4 inch with bottom at 76 $\frac{1}{3}$  feet.

Pumping test:

November 13, 1953. Duration: ..... 4 hours  
 Static water level: ..... 50 feet  
 Drawdown: ..... 6 feet  
 Yield: ..... 10 gpm

N-4310. (B-5) Union Free School District No. 20, south of Cail Drive and west of Pepperidge Road, Bay Park. Drilled by C. W. Lauman & Co., Inc., October 24, 1953.

Log:	Thickness (feet)	Depth (feet)
Fill .....	2	2
Coarse brown sand and gravel .....	19	21
Fine light brown sand .....	3	24
Medium coarse brown sand, some grits and gravel .....	7	31

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N-4310. (Continued)

	Thickness (feet)	Depth (feet)
Solid gray clay .....	5	36
Medium coarse brown sand, some grits and gravel .....	10	46
Coarse brown sand and plenty of gravel ..	18	64

Casing: 6 inches.

Screen: 11 feet of 6 inch with bottom at 65 feet.

Pumping test:

October 24, 1953.	Duration: .....	8 hours
	Static water level: .....	5 feet
	Drawdown: .....	10 feet
	Yield: .....	80 gpm

N-4311. (B-5) Union Free School District No. 20, south of Roosevelt Avenue and east of Carpenter Avenue, Lynbrook. Drilled by C. W. Lauman & Co., Inc., December 30, 1953.

Log:	Thickness (feet)	Depth (feet)
Fill .....	2	2
Coarse brown sand and gravel .....	13	15
Medium fine brown sand and some grits .....	7	22
Solid clay .....	8	30
Very fine gray sandy clay .....	8	38
Solid gray clay .....	6	44
Medium coarse gray sand and clay (no life) .....	3	47
Fine gray sand, some gravel and clay (no life) .....	7	54
Medium coarse brown sand, some grits and clay .....	2	56
Solid gray clay .....	18	74
Fine sandy clay .....	12	86
Very fine light gray sandy clay (no life) .....	16	102
Fine light brown sand (no life) .....	13	115
Fine gray sandy clay (no life) .....	29	144
Fine dark gray sand and some clay .....	9	153
Solid dark gray clay .....	2	155
Fine gray sand, some stones, clay and lignite (no life) .....	71	226
Fine dark gray sand, some clay and fine stones (no life) ....	3	229
Dark gray clay .....	7	236
Very fine gray sandy clay .....	4	240
Dark gray clay .....	14	254
Very fine hard gray sandy clay .....	8	262
Very fine gray sandy clay .....	24	286
Gray clay and some stones .....	37	323
Fine gray sandy clay .....	11	334
Hard sandy clay and stones .....	17	351
Solid gray clay .....	98	449
Fine gray sandy clay (no life) .....	6	455
Solid white clay .....	4	459
Gray clay and some stones .....	28	487
Medium fine gray sand and some clay .....	5	492
Medium fine light gray sand and some clay (active) .....	23	515
Coarse light gray sand and some grits .....	7	522
Medium light gray sand .....	3	525
Coarse light gray sand and some grits .....	6	531

Casing: 6 inches.

Screen: 16 feet of 4 inch with bottom at 531 feet.

N-4311. (Continued)

Pumping test:  
 December 30, 1953. Duration: ..... 4 hours  
 Static water level: ..... 16 feet  
 Drawdown: ..... 10 feet  
 Yield: ..... 90 gpm

N-4312. (B-5) Union Free School District No. 20, south of Atlantic Avenue and east of Union Avenue, Lynbrook. Drilled by C. W. Lauman & Co., Inc., October 28, 1953.

Log:	Thickness (feet)	Depth (feet)
Medium coarse yellow sand and gravel .....	19	19
Fine gray muddy sand mixed with gravel and soft clay .....	23	42
Medium coarse gray sand, some gravel .....	18	60

Casing: 6 inches.

Screen: 11 feet of 6 inch with bottom at 60 feet.

Pumping test:  
 October 28, 1953. Duration: ..... 8 hours  
 Static water level: ..... 15 feet  
 Drawdown: ..... 6 feet  
 Yield: ..... 72 gpm

N-4313. (B-5) Union Free School District No. 20, south of Clark Avenue and east of Sherman Street, Lynbrook. Drilled by C. W. Lauman & Co., Inc., October 26, 1953.

Log:	Thickness (feet)	Depth (feet)
Fill .....	4	4
Sandy loam .....	4	8
Coarse dark brown sand and grits .....	7	15
Medium fine light brown sand .....	23	38
Medium coarse light brown sand and gravel (active) .....	18	56
Fine white sand and some clay .....		below 56

Casing: 6 inches.

Screen: 11 feet of 6 inch with bottom at 56 feet.

Pumping test:  
 October 26, 1953. Duration: ..... 8 hours  
 Static water level: ..... 10 feet  
 Drawdown: ..... 10 feet  
 Yield: ..... 75 gpm

N-4314. (B-7) W. T. Grant & Co., south of Sunrise Highway and east of Main Street, Freeport. Drilled by C. W. Lauman & Co., Inc., September 22, 1954.

Log:	Thickness (feet)	Depth (feet)
Basement .....	12	12
Fine brown sand and grits .....	3	15
Medium to coarse brown sand, grits, gravel .....	17	32
Fine to medium coarse brown sand .....	7	39
Medium to coarse brown sand, grits, gravel .....	5	44
Very fine dirty sand, grits, mica .....	12	56
Very fine dirty sand, grits, mica, streaks of solid clay .....	13	69
Fine to medium gray sand, mica .....	3	72
Fine to coarse gray sand, grits, mica, gravel .....	5	77
Medium to coarse gray sand, grits, lumps of gray clay and lignite .....	4	81

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N-4314. (Continued)

Casing: 6 inches.

Screen: 11 feet of 6 inch with bottom at 40 feet.

Pumping test:

October 27, 1953. Duration: ..... 2 hours  
 Static water level: ..... 16 feet  
 Drawdown: ..... 14 feet  
 Yield: ..... 95 gpm

N-4323. (B-5) Emanuel Austern, north of Broadway and west of West Broadway, Hewlett.  
 Drilled by Eastern Well & Pump Co., April 4, 1954.

Log:	Thickness (feet)	Depth (feet)
Top soil, clay, dirty sand and gravel .....	5	5
Fine white sand and gravel .....	7	12
Clean light brown sand, some gravel .....	4	16
Fine gray-white sand, some gravel .....	2	18
Coarse gray sand, few gravel .....	2	20
Clean coarse light brown sand and gravel .....	10	30
Solid brown hard clay .....	1	31

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 31 feet.

Pumping test:

April 4, 1954. Duration: ..... 2 hours  
 Static water level: ..... 16 $\frac{1}{4}$  feet  
 Drawdown: ..... 1 $\frac{1}{2}$  feet  
 Yield: ..... 50 gpm

N-4324. (B-5) A. Wardell, south of Longwood Crossing and east of Ocean Avenue, Lawrence. Drilled by Eastern Well & Pump Co., December 16, 1953.

Log:	Thickness (feet)	Depth (feet)
Top soil, dirty clay, dirty sand and gravel .....	3	3
Clean sand and gravel .....	3	6
Medium white sand, few stones .....	6	12
Brown sandy clay .....	1	13
Medium white sand .....	10	23
Brown sand and gravel .....	6	29
Brown sandy clay .....	1	30
Clean brown sand and gravel .....	16	46
Dirty brown beach sand, clumps of gray clay .....	1	47

Casing: 6 inches.

Screen: 5 feet of 6 inch with bottom at 46 $\frac{1}{2}$  feet.

Pumping test:

December 16, 1953. Duration: ..... 2 hours  
 Static water level: ..... 19 $\frac{1}{2}$  feet  
 Drawdown: ..... 7 $\frac{1}{2}$  feet  
 Yield: ..... 58 gpm

N-4327. (D-6) Albertson Water District, south of Hollow Court and west of Green Way, Albertson. Drilled by Layne-New York Co., Inc., July 29, 1954.

Log:	Thickness (feet)	Depth (feet)
Sand, gravel and boulders .....	25	25
Hardpan .....	17	42

N-4327. (Continued)

	Thickness (feet)	Depth (feet)
Sand and gravel .....	12	54
Red-brown, muddy sand .....	37	91
Clay .....	136	227
Sand, gravel and clay .....	40	267
Streaks sand and clay .....	38	305
Clay .....	10	315
Sand and clay .....	41	356
Clay .....	4	360
Sand and gravel .....	12	372
Sand and clay .....	23	395
Sand and gravel .....	13	408
Clay .....	2	410
Sand and gravel .....	20	430
Clay .....	2	432

Casing: 18 inches.

Screen: 60 feet of 10 inch with bottom at 425 feet.

Pumping test:

July 29, 1954.	Duration: .....	8 hours
	Static water level: .....	56 feet
	Drawdown: .....	53 feet
	Yield: .....	1000 gpm

N-4329. (C-8) Union Free School District No. 23, southeast of Kinsella Avenue, Massapequa.  
 Drilled by E. K. Hutchinson & Son.

Log:	Thickness (feet)	Depth (feet)
Loam .....	10	10
Sand and gravel .....	50	60

Casing: 8 inches.

Screen: 20 feet of 7 $\frac{5}{8}$  inch with bottom at 60 feet.

Pumping test:

January 4, 1954.	Duration: .....	8 hours
	Static water level: .....	7 feet
	Drawdown: .....	23 feet
	Yield: .....	350 gpm

N-4332. (D-6) Walter J. Black, Inc., south of Northern Boulevard and west of Center Drive,  
 Roslyn. Drilled by Mathies Well & Pump Co., Inc., April 12, 1954.

Log:	Thickness (feet)	Depth (feet)
Brown clay and boulders .....	20	20
Very heavy gravel .....	8	28
Brown clay and gravel .....	14	42
Coarse sand in gravel .....	12	54
Fine sand and chunks of brown clay .....	7	61
Solid brown clay .....	8	69
Coarse sand, grits and chunks of red clay .....	7	76
Solid red clay .....	8	84
Solid gray clay .....	48	132
Brown clay, grits and layer of sand stone .....	6	138
Yellow clay and fine sand .....	4	142
Fine white sand .....	6	148

(Continued on next page)

N-4332. (Continued)

	Thickness (feet)	Depth (feet)
Coarse red sand .....	12	160
White clay and fine sand .....	7	167
Coarse white sand and some white clay .....	2	169
Gray clay and fine sand .....	10	179
Wood, sand, stones and yellow clay .....	13	192
Yellow clay and fine sand .....	8	200
Grits, some chunks of white clay, coarse white sand .....	4	204
Fine sand and white clay .....	6	210

Casing: 6 inches.

Screen: 10 feet of 4 inch with bottom at 210 feet.

Pumping test:

April 11, 1954. Duration: ..... 2 hours  
 Static water level: ..... 147 feet  
 Yield: ..... 62 gpm

N-4334. (C-6) Tracco Hempstead Inc., (Kleins store), south of Hempstead Turnpike and east of Rockaway Road, West Hempstead. Drilled by C. W. Lauman & Co., Inc April 12, 1955.

Log:	Thickness (feet)	Depth (feet)
Coarse brown sand and gravel .....	18	18
Medium fine brown sand, some mica .....	6	24
Coarse brown sand and gravel .....	29	53
Medium coarse brown sand and grits .....	4	57
Medium brown fine sand and gravel .....	11	68
Fine brown sand .....	6	74
Fine brown sandy clay .....	4	78
Fine sand, some clay .....	6	84
Hardpan and fine sand .....	11	95
Fine gray sand .....	2	97
Fine gray sand and clay .....	3	100
Fine gray sand, some clay, lignite, pyrite .....	17	117
Fine gray sand, lignite, pyrite .....	3	120
Fine gray sand, pyrite and clay .....	4	124
Gray sandy clay .....	6	130
Fine gray sand, clay and pyrite .....	7	137
Fine gray sand and pyrite .....	1	138
Fine gray sand, some lignite and pyrite .....	9	147
Lumps of pyrite and clay .....	1	148
Fine gray sand .....	4	152
Fine gray sand and lignite .....	8	160
Fine gray sand and clay .....	1	161

Casing: 12 inches.

Screen: 60 feet of 12 inch with bottom at 161 feet.

Pumping test:

April 5, 1955. Duration: ..... 8 hours  
 Static water level: ..... 26 feet  
 Drawdown: ..... 20 feet  
 Yield: ..... 867 gpm

N-4335. (B-6) Sears Roebuck & Co., north of Sunrise Highway and east of Park Avenue, Rockville Centre. Drilled by Eastern Well & Pump Co., April 5, 1954.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel .....	13	13
Fine sand .....	6	19
Dirty fine sand .....	4	23
Heavy gravel .....	6	29
Fine sand, a little dirty .....	13	42
Sand and few stones .....	4	46
Medium coarse brown sand, some grit and gravel .....	8	54

Casing: 6 inches.

Screen: 5 feet of 6 inch with bottom at 52 feet.

Pumping test:

April 5, 1954. Duration: ..... 2 hours  
 Static water level: ..... 7 feet  
 Yield: ..... 50 gpm

N-4341. (B-6) Big Ben Food Market, south of Sunrise Highway and east of North Park Avenue, Rockville Centre. Drilled by Mathies Well & Pump Co., Inc., November 4, 1953.

Log:	Thickness (feet)	Depth (feet)
Coarse sand and gravel .....	22	22
Medium sand—quantity of small gravel .....	1	23
Fine sand with clay binder—small amount mica .....	1	24
Coarse sand and gravel—small stones .....	1	25
Fine sand with clay binder—small stones .....	3	28
Bog .....	1	29
Bog, coarse sand and gravel .....	2	31
Coarse and fine sand—gravel with clay binder .....	6	37
Medium sand and gravel .....	2	39
Coarse sand—gravel and small stones .....	3	42

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 40 feet.

Pumping test:

November 4, 1953. Duration: ..... 2 hours  
 Static water level: ..... 7 feet  
 Drawdown: ..... 2½ feet  
 Yield: ..... 35 gpm

N-4376. (E-7) Mary L. Griggs, south of Bayville Avenue and east of Centre Island Road, Centre Island. Drilled by Long Island Water Supply Co., Inc., December 12, 1953.

Log:	Thickness (feet)	Depth (feet)
Loam .....	2	2
Sand and gravel .....	32	34
Hardpan .....	10	44
Gray clay .....	20	64
Brown hardpan .....	20	84
Sandy clay .....	29	113
Coarse brown sand and gravel .....	22	135
Sandy clay .....	5	140
White clay .....	28	168

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N-4376. (Continued)

	Thickness (feet)	Depth (feet)
Hard gray clay .....	17	185
Hard gray clay .....	80	265
Soft sandy clay .....	35	300
Sandy clay .....	35	335
Sand and gravel .....	32	367

Casing: 6 inches.

Screen: 10 feet of 4 inch with bottom at 356 feet.

Pumping test:

December 7, 1953. Duration: .....	4 hours
Static water level: .....	50 feet
Drawdown: .....	10 feet
Yield: .....	150 gpm

N-4382. (D-7) Jarco Metal Products Corporation, south of Portland Avenue and west of Grand Boulevard, New Cassel. Drilled by Eastern Well & Pump Co., December 18, 1953.

Log:	Thickness (feet)	Depth (feet)
Top soil and fill .....	4	4
Brown sand, grits and gravel .....	1	5
Solid gray clay .....	2	7
Clean and sharp, brown sand, grits and gravel .....	4	11
Fairly sharp brown sand and grits and gravel .....	5	16
Clean coarse light brown sand, grits and gravel .....	6	22
Medium coarse light brown sand, mostly grits and gravel .....	7	29
Light brown layers clay, hard layers brown sandy clay.....	12	41
Dark brown sandy clay, silt .....	7	48
Fine brown sand and clay, hardpan .....	4	52
Light brown fine sharp sand, few grits .....	8	60
Fine brown sand, lumps and layers of gray brown clay, hardpan .....	12	72
Very fine sandy brown clay .....	9	81
Fine brown fairly sharp sand, lot of brown clay, water .....	7	88
Fine sharp brown sand (clean) .....	4	92
Layer of hardpan .....	at	92
Brown sand, a little coarser and sharp .....	2	94
Fine brown sharp clay, has life .....	1	95
Layer gray sandy clay .....	at	95
Fine brown sand .....	1	96
Very fine silt, brown sand, lumps of clay .....	2	98
Very hard sandy brown clay .....	5	103
Very hard solid black clay .....	7	110
Dirty dark brown sand, mica .....	8	118
Fine dirty brown sand, hardpan and mica .....	7	125
Layer sandy clay .....	at	125
Very fine soupy brown sand, hardpan .....	7	132
Hard brown sandy clay and mica .....	6	138
Brown fine soupy sand clay and mica .....	10	148
Fine light brown sand, fairly clean .....	9	157
Hardpan, lumps of clay .....	3	160
Brown sandy clay .....	19	179
Hard sandy brown and gray clay .....	at	179
Reddish brown fine sand .....	9	188
Solid gray clay .....	4	192
Fine fairly clean light brown sand, lump of clay hardpan and mica .....	14	206
Medium fine to fine light brown sand, clean and sharp, some mica .....	15	221



N-4382. (Continued)

Casing: 6 inches.

Screen: 11 feet of 4 inch with bottom at 205 feet.

Pumping test:

December 18, 1953. Duration: ..... 4 hours  
Yield: ..... 69 gpm

N-4383. (D-7) La Grega Realty Corporation, north of Main Street and west of Urban Avenue, Westbury. Drilled by Mathies Well & Pump Co., Inc., December 3, 1953.

Log:	Thickness (feet)	Depth (feet)
Loam and sandy clay .....	5	5
Coarse sand and gravel .....	37	42
Sandy clay .....	7	49
Fine sand .....	6	55
Sandy clay .....	35	90
Fine sand .....	15	105
Medium fine clean sand .....	11	116
Fine sand and small traces of clay .....	20	136

Casing: 4 inches.

Screen: 10 feet of 4 inch with bottom at 136 feet.

Pumping test:

December 3, 1953. Duration: ..... 4 hours  
Static water level: ..... 44 feet  
Yield: ..... 43 gpm

N-4384. (C-6) Aurora Plastics, north of Hempstead Turnpike and east of Cherry Valley Road, West Hempstead. Drilled by Sweeney & Gray Co., Inc., December 10, 1953.

Log:	Thickness (feet)	Depth (feet)
Medium sand .....	42	42

Casing: 6 inches.

Screen: 11 feet of 6 inch with bottom at 42 feet.

Pumping test:

March 5, 1954. Duration: ..... 4 hours  
Static water level: ..... 10½ feet  
Drawdown: ..... 5½ feet  
Yield: ..... 69 gpm

N-4385. (C-8) Bildner-Big Ben Corporation, north of Thorne Avenue and east of Hicksville-Massapequa Road, Plainedge. Drilled by Eastern Well & Pump Co., April 5, 1954.

Log:	Thickness (feet)	Depth (feet)
Coarse brown sand and grits .....	29	29
Light brown sand, medium grits and gravel .....	17	46

Casing: 6 inches.

Screen: 5½ feet of 4 inch with bottom at 43 feet.

Pumping test:

April 5, 1954. Duration: ..... 2 hours  
Static water level: ..... 5 feet  
Drawdown: ..... 6 feet  
Yield: ..... 60 gpm

N-4388. (D-5) Citizens Water Supply Company of Newtown, north of Water Mill Road and east of Long Island Railroad, Great Neck. Drilled by Layne-New York Co., Inc.

Log:	Thickness (feet)	Depth (feet)
Fill .....	5	5
Sand and boulders .....	9	14
Blue clay .....	6	20
Black clay .....	2	22
Brown hard clay .....	8	30
Sand and gravel, streaks clay .....	15	45
Hard packed sand and streaks gravel .....	9	54
Sand rock .....	1	55
Hard white clay .....	4	59
Streaks sand rock, hard white clay .....	4	63
Hard white coarse sand .....	6	69
Coarse sand and streaks clay .....	7	76
Yellow and white clay .....	1	77
Fine sand .....	4	81
White clay .....	1	82
Fine sand .....	9	91
Hard white clay .....	12	103
Soft white clay .....	19	122
Hard sandy clay .....	3	125
Sand and large gravel .....	20	145

Casing: 38, 30, 24 and 18 inches.

Screen: 20 feet of 18 inch with bottom at 145 feet.

Pumping test:

February 9, 1954. Duration: ..... 8 hours  
 Static water level: ..... 17 feet  
 Drawdown: ..... 63 feet  
 Yield: ..... 1250 gpm

N-4389. (E-5) Village of Sands Point, north of Astor Lane and east of Port Washington Boulevard, Sands Point. Drilled by C. W. Lauman & Co., Inc., August 27, 1954.

Log:	Thickness (feet)	Depth (feet)
Coarse brown sand and large gravel .....	56	56
Solid dark gray clay .....	3	59
Solid dark brown clay .....	5	64
Coarse brown sand, gravel, clay and lignite .....	31	95
Coarse brown sand .....	5	100
Fine brown sand and mica .....	48	148
Coarse brown sand and some grit .....	25	173
Solid gray clay .....	22	195
Fine gray sandy clay .....	12	207
Coarse brown sand and some clay .....	3	210
Coarse brown sand and some grits .....	15	225
Fine brown sand and mica .....	10	235
Fine brown sand, mica, layers gray clay and sandy clay .....	26	261
Solid gray clay .....	16	277
Solid clay .....	24	301

Casing: 16 and 12 inches.

Screen: 26 and 17 feet of 16 and 12 inch, with bottom at 177 and 225 feet.

Pumping test:

June 8, 1954. Duration: ..... 4 hours  
 Static water level: ..... 62 feet  
 Drawdown: ..... 21 feet  
 Yield: ..... 708 gpm

N-4390. (D-5) Jamaica Water Supply Co., south of Union Turnpike and west of New Hyde Park Road, New Hyde Park. Drilled by C. W. Lauman & Co., Inc., April 28, 1954.

Log:	Thickness (feet)	Depth (feet)
Loam .....	1	1
Coarse brown sand, clay, boulder and gravel .....	62	63
Coarse brown sand and gravel .....	40	103
Coarse brown sand and white clay .....	17	120

Casing: 24 inches.

Screen: 21 feet of 17 inch with bottom at 105 feet.

Pumping test:

January 6, 1954.	Duration: .....	8 hours
	Static water level: .....	61 feet
	Drawdown: .....	19 feet
	Yield: .....	1404 gpm

N-4393. (B-5) Long Island Water Corporation, south of Hawthorne Avenue and west of Horton Avenue, Lynbrook. Drilled by C. W. Lauman & Co., Inc., July 23, 1954.

Log:	Thickness (feet)	Depth (feet)
Loam .....	2	2
Medium coarse brown sand .....	40	42
Medium coarse brown sand, some grits .....	22	64
Coarse brown sand, some grits .....	9	73
Medium coarse brown sand, some grits .....	10	83
Fine multi-color sand, some clay .....	6	89
Fine gray sand, some clay .....	14	103
Fine gray sand, streaks solid clay .....	11	114
Solid black clay .....	5	119
Fine gray sand, streaks solid clay and lignite .....	6	125
Fine gray sandy clay, streaks solid clay and lignite .....	22	147
Fine gray sand, some clay and mica .....	6	153
Layers fine gray sand and sandy clay .....	29	182
Fine gray sand, streaks lignite .....	10	192
Solid gray clay .....	10	202
Fine gray sandy clay, streaks of lignite .....	5	207
Fine gray sand, streaks of lignite .....	29	236
Layers of fine gray sand and sandy clay .....	12	248
Fine gray sand .....	35	283
Layers of gray sandy clay and solid gray clay .....	6	289
Fine gray sand and streaks lignite .....	25	314
Layers of fine gray sand and solid clay .....	5	319
Fine gray sandy clay and streaks lignite .....	5	324
Fine gray sand .....	7	331
Layers fine gray sand, pyrite, lignite and solid gray clay .....	4	335
Medium coarse gray sand, streaks solid clay .....	4	339
Fine gray sandy clay, streaks lignite .....	9	348
Medium coarse gray sand .....	10	358
Fine gray sandy clay, streaks lignite .....	11	369
Fine gray sand .....	8	377
Solid gray clay .....	12	389
Layers fine gray sand and solid clay .....	9	398
Solid gray clay .....	6	404
Fine gray sand, streaks solid clay .....	5	409
Medium coarse gray sand .....	10	419
Fine gray sand, streaks coarse gray sand .....	9	428

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N-4393. (Continued)

	Thickness (feet)	Depth (feet)
Fine gray sand .....	6	434
Medium coarse gray sand .....	15	449
Fine gray sand, some mica .....	12	461
Coarse gray sand .....	6	467
Fine gray sandy clay .....	11	478
Lignite and streaks sand and clay .....	3	481
Medium coarse gray sand, streaks clay .....	5	486
Solid gray clay .....	9	495
Fine gray sand, layers of clay .....	11	506

Casing: 18 inches.

Screen: 52¾ feet of 12 inch with bottom at 474 feet.

Pumping test:

March 17, 1954.	Duration: .....	8 hours
	Static water level: .....	11 feet
	Drawdown: .....	34 feet
	Yield: .....	1421 gpm

N-4394. (C-5) Long Island Water Corporation, north of Hempstead Avenue and east of Franklin Avenue, Malverne. Drilled by C. W. Lauman & Co., Inc., July 16, 1954.

Log:	Thickness (feet)	Depth (feet)
Fill .....	5	5
Coarse brown sand .....	10	15
Medium brown sand, mica .....	32	47
Coarse brown sand, grits .....	9	56
Fine brown sand, layers of sandy clay .....	2	58
Fine brown sand, mica .....	21	79
Fine brown sand, streaks of solid and sandy clay .....	7	86
Fine gray sand, streaks of solid clay .....	11	97
Silty gray clay, layers of sandy clay .....	9	108
Fine gray sand, streaks of clay and lignite .....	11	119
Solid gray clay, streaks of sandy clay .....	5	124
Fine gray sand, streaks of clay and pyrite .....	6	130
Fine gray sandy clay, mica, lignite .....	10	140
Fine gray sand, mica, layers of solid clay .....	3	143
Medium fine gray sand, mica .....	25	168
Fine gray sandy clay, mica, layers of lignite .....	8	176
Fine gray sand, mica .....	7	183
Fine gray sandy clay, mica, streaks of solid clay and lignite .....	12	195
Medium gray sand, layers of lignite .....	6	201
Solid lignite .....	10	211
Solid hard gray clay, layers of lignite .....	5	216
Solid gray clay, streaks of sandy clay and lignite .....	11	227
Fine gray sandy clay, streaks of solid clay and lignite .....	10	237
Solid gray clay .....	9	246
Fine gray sand, some clay and mica .....	20	266
Gray sandy clay, streaks of solid clay .....	5	271
Fine gray sand, some clay and lignite .....	25	296
Fine gray sand, layers of solid clay and lignite .....	38	334
Solid gray clay .....	16	350

Casing: 18 inches.

Screen: 43 feet of 12 inch with bottom at 175 feet.

Pumping test:

July 6, 1954.	Duration: .....	8 hours
	Static water level: .....	5 feet
	Drawdown: .....	66 feet
	Yield: .....	1470 gpm

N-4400T. (E-7) Oyster Bay Water District, northeast of Oyster Bay Cove Road and Shutter Lane, Oyster Bay. Drilled by C. W. Lauman & Co., Inc., January 19, 1954.

Log:	Thickness (feet)	Depth (feet)
Top soil .....	1	1
Loam .....	3	4
Coarse brown sand, grits and gravel .....	10	14
Coarse brown sand, grits and lumps of clay .....	14	28
Solid gray clay .....	31	59
Fine brown sand and some clay .....	6	65
Multi-color, solid clay and streaks of sandy clay .....	8	73
Solid gray clay and streaks of sandy clay .....	6	79
Solid brown clay .....	13	92
Medium coarse brown sand and streaks of solid clay .....	20	112
Fine gray and brown sandy clay .....	6	118
Coarse brown sand and grits .....	5	123
Solid and sandy, brown and gray clay .....	8	131
Fine brown and gray sand, little clay .....	11	142
Coarse brown sand and grits .....	6	148
Fine gray sandy clay .....	7	155
Fine gray sandy clay .....	9	164
Brown sand and solid gray clay .....	6	170
Medium coarse brown sand .....	5	175
Coarse brown and gray sand, some clay .....	6	181
Fine gray sandy clay .....	11	192
Medium, fine, brown and red sand and some clay .....	10	202
Fine gray sand, some clay and mica .....	11	213
Coarse brown sand and gravel, some clay .....	34	247
Fine, red and gray, sandy clay and solid clay .....	6	253
Coarse brown sand, gravel and some clay .....	10	263
Medium coarse brown sand and layers of clay .....	4	267
Coarse brown sand, gravel and some clay .....	16	283
Fine gray sandy clay and layers of solid clay .....	4	287
Fine brown sand .....	15	302
Solid multi-clay and layers of sandy clay .....	45	347
Solid, gray clay .....	53	400

Note: Formation test hole only.

N-4401T. (C-8) Massapequa Water District, Ocean Avenue and Maryland Avenue, Massapequa. Drilled by C. W. Lauman & Co., Inc., January 19, 1954.

Log:	Thickness (feet)	Depth (feet)
Coarse brown sand, gravel .....	68	68
Solid gray clay .....	10	78
Fine gray sand, mica, shells, layers of solid and sandy clay .....	16	94
Solid gray clay .....	10	104
Gray sandy clay, layers of solid clay .....	12	116
Very fine gray sand, mica, some clay, lignite .....	7	123
Gray sandy clay, lignite .....	6	129
Coarse gray sand, grits, streaks solid clay .....	5	134
Fine gray sandy clay, lignite .....	15	149
Fine gray sandy clay .....	21	170
Medium fine gray sand, little clay .....	7	177
Medium fine gray sand, lignite, solid clay .....	6	183
Medium fine gray sand, small amount of clay .....	51	234

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## N-4401T. (Continued)

	Thickness (feet)	Depth (feet)
Fine gray sand, layers lignite and solid clay .....	6	240
Fine gray sand, mica, small amount of clay .....	27	267
Sandy gray clay, layers lignite and solid clay .....	16	283
Solid gray clay, streaks of sandy clay .....	4	287
Gray sandy clay, lignite, layers of solid clay .....	20	307
Gray sandy clay, mica, lignite .....	10	317
Fine gray sand, mica, some lignite, layers solid clay .....	20	337
Fine gray sand, lignite .....	13	350
Solid hard gray clay .....	11	361
Solid hard gray clay .....	7	368
Solid gray clay, streaks sandy clay, lignite .....	14	382
Solid gray clay and sandy gray clay .....	10	392
Sandy gray clay .....	5	397
Solid gray clay and fine gray sand .....	6	403
Fine gray sand, lignite .....	23	426
Fine gray sand, mica .....	27	453
Fine gray sand, mica, streaks of solid clay .....	15	468
Fine gray sand, clay, mica .....	30	498
Solid gray clay .....	5	503
Fine gray sand, mica, streaks solid and sandy clay .....	5	508
Solid gray clay .....	4	512
Fine gray sand, mica, streaks solid clay .....	5	517
Fine gray sand, mica, some clay .....	26	543
Medium coarse gray sand, streaks lignite .....	5	548
Gray sandy clay .....	7	555
Solid gray clay, streaks sandy clay and lignite .....	12	567
Fine gray sand, little lignite .....	15	582
Medium coarse gray sand .....	10	592
Medium fine gray sand .....	15	607
Fine gray sandy clay .....	15	622
Fine gray sandy clay, solid clay .....	6	628
Fine gray sandy clay and solid clay .....	24	652
Solid light gray clay .....	5	657
Fine gray sand, mica, layers of solid clay .....	11	668
Medium coarse sand, mica, some clay .....	15	683
Fine gray sand, mica, some clay .....	26	709
Gray sandy clay, streaks of lignite .....	3	712
Solid gray clay, streaks of sandy clay .....	5	717
Solid hard gray clay .....	4	721

Note: Formation test hole only.

N-4405. (B-5) Long Island Water Corporation, north of Beech Street and east of Vernon Avenue, Atlantic Beach. Drilled by Layne-New York Co., Inc., July 27, 1954.

Log:	Thickness (feet)	Depth (feet)
Gray sand .....	30	30
Sand and blue marl .....	92	122
Sand, gravel and blue clay .....	28	150
Packed gravel and sandy clay .....	67	217
Sandy clay, streaks gravel .....	54	271
Sand, gravel, streaks of clay .....	49	320
Sandy clay, hard clay and wood .....	62	382
Streaks of sand and hard clay .....	58	440
Sand, some fine gravel .....	66	506
Sand and clay .....	23	529
Muddy sand .....	29	558
Black clay, streaks of sand .....	33	591
Streaks of sand, clay and gravel .....	97	689

N-4405. (Continued)

	Thickness (feet)	Depth (feet)
Sand, gravel, wood and clay .....	30	719
Clay, streaks of gravel .....	20	739
Sand and fine gravel .....	25	764
Sand, wood, streaks of clay .....	40	804
Sand, gravel and clay streaks .....	22	826
Tough blue clay .....	48	874
Sand, gravel, streaks of clay .....	59	933
Coarse sand and gravel .....	33	966
Sand, gravel and clay streaks .....	38	1004
Coarse sand and gravel .....	51	1055
Sand, gravel, streaks of clay .....	12	1067
Coarse sand and gravel .....	19	1096
Tough clay and gravel .....	21	1117

Casing: 20, 12 and 8 inches.

Screen: 70 feet of 8 inch with bottom at 1075 feet.

Pumping test:

July 27, 1954. Duration: ..... 8 hours  
 Static water level: ..... ground level  
 Drawdown: ..... 34 feet  
 Yield: ..... 1400 gpm

N-4406. (C-6) Hempstead Medical Arts Corporation, north of Atlantic Avenue and east of Hilton Avenue, Hempstead. Drilled by Eastern Well & Pump Co.

Log:	Thickness (feet)	Depth (feet)
Basement .....	9	9
Gravel, grits and stones .....	6	15
Medium to fine dark sand .....	2	17
Sand and grits .....	12	29
Medium to fine sand .....	8	37
Sand and gravel .....	3	40
Medium sand and grits .....	9	49
Medium to coarse sand and grits .....	8	57

Casing: 6 inches.

Screen: 10 feet of 6 inch with bottom at 57 feet.

Pumping test:

April 15, 1954. Duration: ..... 2 hours  
 Static water level: ..... 8½ feet  
 Drawdown: ..... 4½ feet  
 Yield: ..... 75 gpm

N-4408. (C-6) K. J. Kellgren & M. Hewett, north of old Country Road and west of Rose Street, Mineola. Drilled by Fred Habenicht & Sons, March 9, 1954.

Log:	Thickness (feet)	Depth (feet)
Fill .....	4	4
Gravel .....	15	19
Dirty hard yellow sand .....	2	21
Coarse sand and pebbles .....	22	43
White sand .....	6	49
White sand and 30% pea gravel .....	15	64

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N-4408. (Continued)

Casing: 4 inches.

Screen: 5 feet of 3¾ inch with bottom at 65 feet.

Pumping test:

March 9, 1954. Duration: ..... 5 hours  
 Static water level: ..... 48 feet  
 Drawdown: ..... 5 feet  
 Yield: ..... 19 gpm

N-4409. (D-6) Blue Spruce Inn, northeast corner of Northern Boulevard, Roslyn. Drilled by Eastern Well & Pump Co., March 3, 1954.

Log:	Thickness (feet)	Depth (feet)
Loam, stones and clay .....	12	12
Brown sand and few gravel .....	6	18
Brown clay .....	11	29
Sandy clay .....	5	34
Brown clay .....	8	42
Light brown sand, gravel and stones .....	4	46
Light brown sand, grits, few gravel .....	7	53
Brown clay .....		below 53

Casing: 6 inches.

Screen: 5 feet of 6 inch with bottom at 51 feet.

Pumping test:

March 3, 1954. Duration: ..... 2 hours  
 Static water level: ..... 10½ feet  
 Drawdown: ..... 25 feet  
 Yield: ..... 50 gpm

N-4410. (C-6) H. O. Penn Machinery Company, north of Stewart Avenue and west of Merrick Avenue, Garden City. Drilled by C. W. Lauman & Co., Inc., December 6, 1954.

Log:	Thickness (feet)	Depth (feet)
Coarse sand, grit, gravel .....	48	48
Fine brown sand, lumps of multi-color clay .....	33	81
Sandy gray clay .....	11	92
Layers of multi-colored solid and sandy clay .....	4	96
Fine brown sand, clay .....	6	102
Fine brown sand .....	13	115
Fine multi-colored sandy clay .....	7	122
Fine gray sandy clay—streaks of lignite, pyrite .....	34	156
Fine gray sand, some clay and mica .....	16	172
Layers of lignite, solid and sandy clay .....	11	183
Fine gray sandy clay, streaks of solid clay .....	9	192
Fine gray sand, streaks of solid clay .....	6	198
Solid gray clay, streaks of sandy clay .....	11	209
Fine gray sand, streaks of lignite .....	4	213
Fine gray sand .....	15	228
Fine gray sandy clay, streaks of solid clay .....	5	233
Fine brown sand, some clay, streaks of solid clay .....	60	293
Fine gray sandy clay .....	6	299
Fine brown sand, some clay .....	21	320
Fine gray sand .....	5	325
Solid gray clay .....	15	340
Fine brown sand, some clay .....	8	348
Fine gray sand, some clay .....	11	359



N-4410. (Continued)

	Thickness (feet)	Depth (feet)
Fine gray sandy clay .....	5	364
Fine brown sand .....	12	376
Fine multi-colored sandy clay and streaks of sand .....	11	387
Medium fine brown sand, some clay, grit, streaks of solid clay .....	25	412
Fine gray sand, some clay .....	10	422
Medium coarse brown sand, some clay and grit .....	14	436
Layers of fine brown sand and sandy clay .....	16	452

Casing: 8 inches.

Screen: 19 feet of 8 inch with botttom at 116 feet.

Pumping test:

November 9, 1954.	Duration: .....	4	hours
	Static water level: .....	101½	feet
	Drawdown: .....	24	feet
	Yield: .....	265	gpm

N-4411. (B-5) Long Island Water Corporation, south of Sunrise Highway and west of Peninsula Boulevard, Lynbrook. Drilled by Layne-New York Co., Inc., July 27, 1954.

Log:	Thickness (feet)	Depth (feet)
Brown sand .....	60	60
Black muddy sand .....	15	75
White muddy sand .....	29	104
Coarse brown sand .....	15	119
Sand, streaks of clay .....	61	180
Dark gray clay .....	24	204
Sand, hard streaks clay .....	28	232
Hard brown clay .....	38	270
Sand and gravel .....	23	293
Soft clay .....	6	299
Sand and clay .....	20	319
Sand and gravel .....	45	364
Clay .....	2	366
Sand and fine gravel .....	29	395
Sand and gravel .....	9	404
Gray clay .....	8	412
Sand, gravel and clay .....	24	436
Sand .....	8	444
Sand and streaks of clay .....	14	458
Coarse sand, fine gravel .....	38	496
Clay .....	5	501
Sand and gravel .....	55	556
Clay .....	12	568

Casing: 24, 18 and 12 inches.

Screen: 70 feet of 12 inch with bottom at 550 feet.

Pumping test:

July 27, 1954.	Duration: .....	8	hours
	Static water level: .....	9	feet
	Drawdown: .....	50	feet
	Yield: .....	1400	gpm

N-4417T. (D-5) B. Altman & Company, south of Northern Boulevard and east of the Gate, Manhasset. Drilled by C. W. Lauman & Co., Inc., February 18, 1954.

Log:	Thickness (feet)	Depth (feet)
Top soil .....	1	1
Fill and loam .....	5	6
Coarse, brown sand, grit, gravel and boulders .....	30	36
Coarse brown sand, grit, large gravel and niggerheads .....	80	116
Coarse brown sand, grit and large gravel .....	10	126
Coarse brown sand, grit, large gravel and lumps of clay .....	36	162
Layers of fine brown sand, sandy clay and solid clay .....	4	166
Fine brown sand, some clay, layers of cemented gravel .....	15	181
Medium coarse brown sand, grit and gravel .....	10	191
Solid brown clay, streaks of sandy clay .....	11	202
Medium coarse brown sand, grit and gravel .....	19	221
Fine brown sand, grit and gravel .....	10	231
Multi-color, solid clay, streaks of medium brown sand .....	6	237
Medium coarse brown sand, grit and gravel .....	27	264
Solid brown clay, streaks of fine brown sand .....	5	269
Medium coarse brown sand, grit and gravel, some clay .....	29	298
Medium coarse brown sand, grit and streaks of sandy clay .....	5	303
Medium coarse brown sand, grit and gravel .....	5	308
Medium fine brown sand, some clay .....	5	313
Medium coarse brown sand, grit and gravel .....	5	318
Layers of medium coarse brown sand and sandy clay .....	10	328
Multi-color, solid clay and streaks of sandy clay .....	15	343

Casing: 7 inches.

Note: Formation test hole.

N-4418. (B-5) A. Usiskin, northwest of Everett Avenue and Willow Pond Road, Hewlett Harbor. Drilled by Mathies Well & Pump Co., Inc., April 1, 1954.

Log:	Thickness (feet)	Depth (feet)
Top soil .....	2	2
Loam .....	1	3
Medium sand and gravel .....	10	13
Fine brown sand .....	11	24
Black clay .....	22	46
Medium sand and grits .....	18	64

Casing: 6 inches.

Screen: 8½ feet of 3¾ inch with bottom at 60 feet.

Pumping test:

April 1, 1954.	Duration: .....	2 hours
	Static water level: .....	12 feet
	Yield: .....	75 gpm

N-4419. (D-6) Whelan Drug Store, north of Hillside Avenue and east of Herrick Road, Williston Park. Drilled by C. W. Lauman & Co., Inc., March 19, 1954.

Log:	Thickness (feet)	Depth (feet)
Basement .....	9	9
Coarse brown sand, grits and plenty large gravel .....	47	56

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 47 feet.

N-4424. (E-5) Mrs. R. W. Fraser, north of Private Road and east of Middle Neck Road, Sands Point. Drilled by C. W. Lauman & Co., Inc., May 17, 1954.

Log:	Thickness (feet)	Depth (feet)
Brown sand and clay .....	45	45
Fine gray-brown sand and clay .....	35	80
Coarse brown sand and small gravel .....	15	95
Casing: 4 inches.		
Screen: 5 feet of 4 inch with bottom at 95 feet.		

N-4425. (C-6) Village of Hempstead, north of Dartmouth Street and east of Clinton Street, Hempstead. Drilled by Layne-New York Co., Inc., August 11, 1954.

Log:	Thickness (feet)	Depth (feet)
Top soil .....	2	2
Sand and gravel .....	56	58
White clay .....	6	64
Black clay .....	3	67
Fine sand .....	26	93
Gray clay .....	4	97
Fine sand .....	5	102
Brown clay .....	8	110
Black clay .....	5	115
Fine sand, iron oxide .....	32	147
Gray-black clay and lignite .....	51	198
Sand, clay and iron oxide .....	24	222
Sand, lignite .....	12	234
Gray clay .....	31	265
Fine white sand .....	20	285
Sand, clay, lignite .....	26	311
Gray clay .....	15	326
Medium sand .....	22	348
Clay .....	2	350
Sand .....	4	354
Clay .....	1	355
Sand .....	11	366
Lignite .....	9	375
Clay, pyrite .....		below 375
Casing: 20 inches.		
Screen: 40 feet of 12 inch with bottom at 365 feet.		

Pumping test:

March 19, 1954.	Duration: .....	8 hours
	Static water level: .....	15 feet
	Drawdown: .....	43 feet
	Yield: .....	1280 gpm

N-4426. (D-6) Grand Union Stores, north of Hillside Avenue and east of Herrick Road, Mineola. Drilled by Fred Habenicht & Sons, February 28, 1954.

Log:	Thickness (feet)	Depth (feet)
Top soil .....	4	4
Very coarse sand, gravel .....	13	17
Mostly gravel .....	24	41

(Continued on next page)

N-4426. (Continued)		
	Thickness (feet)	Depth (feet)
Red, hard-packed sand .....	1	42
Coarse sand and pea gravel .....	15	57
Mostly all pea gravel .....	7	64
Casing: 6 inches.		
Screen: 11 feet of 5¾ inch with bottom at 64 feet.		
Pumping test:		
February 27, 1954.	Duration: .....	4 hours
	Static water level: .....	45 feet
	Drawdown: .....	6 feet
	Yield: .....	62 gpm

N-4428. (C-6) Werner Abel, north of Centennial Avenue and west of Woodside Avenue, Baldwin. Drilled by Fred Habenicht & Sons, March 3, 1954.

Log:		
	Thickness (feet)	Depth (feet)
Basement .....	8	8
Sand .....	46	54
Sand .....		below 54
Casing: 4 inches.		
Screen: 8 feet of 3¾ inch with bottom at 54 feet.		
Pumping test:		
March 13, 1954.	Duration: .....	5 hours
	Static water level: .....	18 feet
	Drawdown: .....	4 feet
	Yield: .....	52 gpm

N-4430. (C-6) Meadow Brook Nation Bank of Freeport, south of Hempstead Avenue and west of Woodview Road, West Hempstead. Drilled by Eastern Well & Pump Co., March 26, 1954.

Log:		
	Thickness (feet)	Depth (feet)
Basement .....	15	15
Medium coarse brown sand, grits and gravel .....	60	75
Casing: 8 inches.		
Screen: 15 feet of 8 inch with bottom at 72½ feet.		
Pumping test:		
March 26, 1954.	Duration: .....	8 hours
	Static water level: .....	10 feet
	Drawdown: .....	16 feet
	Yield: .....	280 gpm

N-4431. (D-7) Preferred Sand and Stone Co., north of Duffy Lane and east of Charlotte Street, Hicksville. Drilled by C. W. Lauman & Co., Inc.

Log:		
	Thickness (feet)	Depth (feet)
Sand and gravel .....	14	14
Sand and grits (dirty) .....	12	26
Fine sand, dirty .....	4	30
Casing: 4 inches.		
Screen: 11 feet of 4 inch with bottom at 30 feet.		

N-4431. (Continued)

Pumping test:

June 1953. Static water level: ..... 4 feet  
 Drawdown: ..... 9 feet  
 Yield: ..... 102 gpm

N-4432. (E-6) Dyckman Laundry Inc., Glen Cove. Drilled by E. K. Hutchinson & Son, April 21, 1955.

Log:	Thickness (feet)	Depth (feet)
Loam .....	6	6
Clay .....	114	120
Sand and gravel (water) .....	28	148
Clay .....	152	300
Sand, clay, gravel .....	30	330
Sand, gravel (water) .....	22	352

Casing: 6 inches.

Screen: 16 feet of 5 $\frac{5}{8}$  inch with bottom at 348 feet.

Pumping test:

April 21, 1955. Duration: ..... 8 hours  
 Static water level: ..... flows  
 Drawdown: ..... 34 feet  
 Yield: ..... 90 gpm

N-4435. (D-7) Fred Schumacher, north of Jericho Turnpike and east of Cedar Swamp Road, Brookville. Drilled by C. W. Lauman & Co., Inc., April 23, 1954.

Log:	Thickness (feet)	Depth (feet)
Top soil .....	2	2
Loam .....	4	6
Brown sandy clay, large stones .....	17	23
Coarse brown sand, gravel .....	7	30
Coarse brown sand, large gravel, lumps of brown clay .....	16	46
Coarse brown sand, grits, gravel .....	38	84
Coarse brown sand, some grits and a small amount of clay .....	14	98
Coarse brown sand, grits, gravel .....	10	108
Medium brown sand, mica and small amount clay .....	10	118
Medium coarse brown sand .....	6	124
Coarse brown sand, grits .....	9	133
Fine brown sand, mica, lumps of clay .....		below 133

Casing: 10 inches.

Screen: 16 feet of 8 inch with bottom at 133 $\frac{1}{2}$  feet.

Pumping test:

March 10, 1954. Duration: ..... 1 hour  
 Static water level: ..... 87 feet  
 Drawdown: ..... 37 feet  
 Yield: ..... 260 gpm

N-4436. (C-5) R. C. Moulding Company, north of Second Avenue and east of South Sixth Street, New Hyde Park. Drilled by C. W. Lauman & Co., Inc., July 16, 1954.

Log:	Thickness (feet)	Depth (feet)
Fill .....	5	5
Sand, gravel, stone .....	5	10

(Continued on next page)

N-4436. (Continued)	Thickness (feet)	Depth (feet)
Coarse sand, gravel, stones .....	25	35
Sand, gravel, stones .....	15	50
Coarse sand, gravel, stones .....	12	62
Coarse sand, gravel .....	12	74

Casing: 6 inches.

Screen: 21 feet of 4 inch with bottom at 83½ feet.

N-4440. (E-6) Frank Marmorale, north of Garvies Point Road and west of Herb Hill Road, Glen Cove. Drilled by E. K. Hutchinson & Son, October 13, 1954.

Log:	Thickness (feet)	Depth (feet)
Clay .....	127	127
Fine sand .....	8	135
Clay .....	115	250
Alternate streaks clay and fine sand .....	50	300
Coarse sand and gravel .....	16	316

Casing: 6 inches.

Screen: 10 feet of 5⅝ inch with bottom at 316 feet.

Pumping test:

July 16, 1954.	Duration: .....	8 hours
	Drawdown: .....	20 feet
	Yield: .....	200 gpm

Note: Well flows.

N-4448. (C-7) East Meadow Water District, southeast of Franklin Avenue and Devon Road, East Meadow. Drilled by Layne-New York Co., March 8, 1955.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel .....	25	25
Coarse gravel .....	41	66
Sand and sandy clay .....	11	77
Brown sand .....	28	105
Gray sand and clay .....	46	151
Brown sand .....	58	209
Fine gray sand .....	57	266
Coarse brown sand .....	18	284
Fine white sand .....	61	345
Gray sand, hard black clay streaks .....	96	441
Sand, clay streaks .....	34	475
Sand and gravel .....	21	496
Coarse sand and gravel .....	63	559
Sand and clay .....	13	572

Casing: 24, and 18 inches.

Screen: 50 feet of 12 inch with bottom at 550 feet.

Pumping test:

March 8, 1955.	Duration: .....	8 hours
	Static water level: .....	26 feet
	Drawdown: .....	32 feet
	Yield: .....	1200 gpm

N-4450. (C-7) Levittown Water District, west of Center Lane and north of Bluegrass Lane,  
Levittown. Drilled by C. W. Lauman & Co., Inc., January 15, 1955.

Log :	Thickness (feet)	Depth (feet)
Top soil .....	1	1
Loam and sandy clay .....	2	3
Coarse brown sand, gravel .....	80	83
Coarse brown sand, gravel, brown clay .....	8	91
Fine reddish brown sand, mica .....	5	96
Fine brown sand, layers solid and sandy clay .....	6	102
Multi-colored sandy clay .....	26	128
Brown sandy clay, layers of solid clay .....	10	138
Fine brown sand, streaks sandy clay .....	15	153
Multi-colored sandy clay .....	6	159
Fine brown sand, mica, streaks sandy clay .....	8	167
Fine brown sand, mica .....	11	178
Fine brown sand, mica, streaks sandy clay .....	15	193
Solid brown clay, streaks fine brown sand, sandy clay .....	6	199
Fine brown sand, streaks sandy clay .....	14	213
Fine brown sand, mica .....	5	218
Brown sandy clay, mica, hardpan .....	10	228
Very fine brown sand, mica, layers of solid clay .....	16	244
Fine brown sand, mica .....	16	260
Solid multi-colored clay .....	6	266
Fine brown sand, mica, some clay .....	4	270
Brown sandy clay, mica, hardpan .....	5	275
Fine brown sand, mica .....	16	291
Fine brown sand, mica, streaks of sandy clay .....	9	300
Fine brown sandy clay, mica, layers solid clay .....	6	306
Fine gray sand, mica, streaks sandy and solid clay .....	10	316
Fine gray sand, mica, some clay .....	6	322
Fine gray sandy clay, mica .....	5	327
Fine brown sand, mica and a small amount of clay .....	21	348
Fine brown sand, mica and small amount clay .....	5	353
Fine brown sand, mica, streaks of sandy clay .....	11	364
Fine brown sand, mica and a small amount of clay .....	16	380
Fine gray sand, mica, layers of sandy clay .....	10	390
Fine brown sand, mica .....	6	396
Fine brown sand, mica, streaks solid and sandy clay .....	6	402
Gray sandy clay, mica .....	8	410
Fine gray sand, mica, streaks of sandy clay .....	6	416
Medium brown sand, mica, streaks of sandy clay .....	11	427
Medium brown sand, mica .....	12	439
Medium brown sand, mica, grits, streaks of sandy clay .....	4	443
Fine brown sand, mica .....	6	449
Fine brown sand, mica, streaks of solid and sandy clay .....	19	468
Fine brown sand, mica, streaks sandy clay .....	9	477
Gray sandy clay, mica .....	3	480
Fine brown sand, mica and a small amount of clay .....	10	490
Coarse brown sand, grits, streaks of clay .....	5	495
Fine brown sand, streaks of sandy clay and solid clay .....	23	518
Solid and sandy gray clay, layers of fine brown sand .....	7	525

Casing: 18 inches.

Screen: 51½ feet of 12 inch with bottom at 466 feet.

#### Pumping test:

July 26, 1954.	Duration: .....	8 hours
	Static water level: .....	16 feet
	Drawdown: .....	34 feet
	Yield: .....	1250 gpm

N-4451. (C-7) Levittown Water District, east of Jerusalem Avenue and north of Fisher Lane, Levittown. Drilled by C. W. Lauman & Co., Inc., January 15, 1955.

Log:	Thickness (feet)	Depth (feet)
Top soil .....	2	2
Loam .....	2	4
Coarse brown sand, grit and gravel .....	60	64
Coarse brown sand, grit, gravel and lumps of clay .....	33	97
Solid gray clay .....	12	109
Multi-color sandy clay .....	4	113
Multi-color fine sand and streaks of clay .....	14	127
Lignite and streaks of clay .....	5	132
Solid black clay .....	21	153
Fine brown sand, streaks of clay .....	9	162
Layers of fine gray sand and sandy clay .....	35	197
Solid gray clay and streaks of fine brown sand .....	6	203
Fine brown sand, some clay and mica .....	14	217
Layers of brown sandy clay and solid clay .....	14	231
Fine brown sand .....	7	238
Multi-color sandy clay .....	4	242
Layers of fine brown sand and sandy clay .....	29	271
Fine brown sand .....	8	279
Layers of fine brown sandy clay and solid clay .....	12	291
Solid gray clay and layers of lignite .....	13	305
Fine gray sand .....	9	314
Solid gray clay .....	12	326
Fine gray sandy clay and streaks of solid clay .....	20	346
Fine gray sand .....	57	403
Multi-colored sandy clay and streaks of solid clay .....	11	414
Medium fine brown sand .....	4	418
Fine gray sand, some clay .....	12	430
Solid multi-color clay .....	7	437
Fine gray sand, streaks of sandy clay .....	15	452
Solid multi-color clay .....	16	468
Multi-color, sandy clay and streaks of solid clay .....	14	482
Fine brown sand and streaks of sandy clay .....	17	499
Fine gray sand .....	39	538
Fine gray sand, some clay and layers of solid clay .....	15	553
Medium coarse multi-color sand and layers of solid and sandy clay .....	9	562
Fine gray sand, some clay .....	7	569
Coarse gray sand, some grit and clay .....	14	583
Fine gray sand and clay .....	5	588
Medium coarse brown sand .....	6	594
Medium coarse gray sand, some clay and gravel .....	5	599
Fine gray sandy clay .....	3	602

Casing: 18 inches.

Screen: 56 feet of 12 inch with bottom at 399 feet.

Pumping test:

August 2, 1954.	Duration: .....	8 hours
	Static water level: .....	38 feet
	Drawdown: .....	32 feet
	Yield: .....	1250 gpm



N-4452. (C-6) Franklin Shops Inc., south of Fulton Avenue and east of Franklin Street, Hempstead. Drilled by Eastern Well & Pump Co., March 16, 1954.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel .....	40	40
Medium brown sand, little gravel .....	19	59
Casing: 6 inches.		
Screen: 10 feet of 6 inch with bottom at 59 feet.		
Pumping test:		
March 15, 1954. Duration: .....		2 hours
Static water level: .....		12 feet
Drawdown: .....		5 feet
Yield: .....		75 gpm

N-4460. (E-8) Michael Harges, south of South Road and east of Cove Road, Oyster Bay. Drilled by Mathies Well & Pump Co., Inc., May 25, 1954.

Log:	Thickness (feet)	Depth (feet)
Fill .....	1	1
Top soil .....	1	2
Heavy gravel .....	55	57
Very heavy gravel .....	17	74
Large stones .....	3	77
Brown clay and sand .....	1	78
Coarse sand and some gravel .....	23	101
Brown clay .....	13	114
Coarse sand, gravel and white clay .....	1	115
Coarse sand and brown clay .....	17	132
Fine sand and white clay .....	14	146
Yellow clay .....	7	153
Coarse white sand .....	15	168
Fine sand and yellow clay .....	4	172
Fine sand and white clay .....	24	196
Coarse sand, grits and some yellow clay .....	3	199
Fine sand and white clay .....	5	204
Coarse white sand .....	6	210
Casing: 6 inches.		
Screen: 6 feet of 4 inch with bottom at 210 feet.		
Pumping test:		
May 21, 1954. Duration: .....		2 hours
Static water level: .....		150 feet
Yield: .....		24 gpm

N-4461. (C-8) New York Water Service Corp., north of De Mott Avenue and east of Jane Street, Wantagh. Drilled by C. W. Lauman & Co., Inc., July 16, 1954.

Log:	Thickness (feet)	Depth (feet)
Fill .....	5	5
Coarse brown sand, grits and gravel .....	61	66
Layers of medium coarse brown sand, solid clay and lignite .....	17	83
Fine gray sand, some clay, streaks of solid clay, pyrite and lignite .....	21	104
Fine gray sand, some mica .....	31	135
Fine gray sand, some clay, mica, streaks of sandy clay .....	16	151

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N-4461. (Continued)

	Thickness (feet)	Depth (feet)
Fine gray sand, streaks of lignite and pyrite .....	19	170
Solid gray clay and streaks of gray sand .....	5	175
Fine gray sand, layers of lignite and solid gray clay .....	26	201
Fine gray sand, some mica .....	5	206
Fine gray sandy clay, streaks of pyrite and lignite .....	16	222
Fine gray sand, streaks of lignite .....	14	236
Fine gray sand, streaks of solid clay .....	7	243
Layers of fine gray sand, sandy clay and lignite .....	12	255
Fine gray sand, streaks of lignite, some mica .....	6	261
Fine gray sandy clay, streaks of solid clay .....	24	285
Solid gray clay .....	6	291
Fine gray sand, streaks of lignite and clay .....	14	305
Fine gray sand, some clay and mica .....	35	340
Solid gray clay, layers of pyrite and sandy clay .....	14	354
Fine gray sand, some clay, mica and lignite .....	8	362
Fine gray sand, streaks of clay .....	9	371
Fine gray sand .....	9	380
Layers of fine gray sand, sandy clay and lignite .....	5	385
Solid gray clay .....	6	391
Fine gray sand, streaks of lignite .....	8	400
Fine gray sandy clay .....	6	406
Fine gray sand, some clay and mica .....	24	430
Solid black clay .....	11	441
Layers of fine gray sand, sandy clay and solid clay .....	5	446
Fine gray sand, some clay and mica .....	23	469
Fine gray sandy clay, streaks of solid clay .....	12	481
Solid gray clay .....	5	486
Layers of fine gray sand, lignite and solid clay .....	9	495
Fine gray sand .....	10	505
Fine gray sand, some clay and streaks of lignite .....	11	516
Fine gray sand .....	8	524
Layers of fine gray sand, some clay and solid clay .....	7	531
Fine gray sand, some clay and mica .....	5	536
Solid gray clay, streaks of gray sand .....	4	540
Medium fine gray sand .....	36	576
Solid gray clay, streaks of sandy clay and lignite .....	5	581
Medium coarse gray sand .....	28	609
Fine gray sand, some clay, streaks of solid clay and lignite .....	10	619
Medium coarse gray sand, some clay .....	9	628
Solid gray clay .....	14	642

Casing: 16 inches.

Screen: 21½ and 30¾ feet of 12 inch with bottom at 128 and 136 feet.

Pumping test:

May 18, 1954. Static water level: ..... 11 feet  
 Drawdown: ..... 37 feet  
 Yield: .....1404 gpm

N-4462. (E-6) North Shore Country Club, south of Downing Avenue and east of Shore Road, Glen Head. Drilled by C. W. Lauman & Co., Inc., July 30, 1954.

Log:	Thickness (feet)	Depth (feet)
Brown sandy clay, boulders .....	8	8
Coarse brown sand, boulders .....	16	20
Medium brown sand .....	7	27
Coarse brown sand, grits .....	36	63
Solid gray clay .....	1	64
Sandy yellow clay .....	30	94
Coarse yellow sand, grits, white clay .....	4	98

N-4462. (Continued)

	Thickness (feet)	Depth (feet)
Solid white and yellow clay .....	2	100
Medium coarse yellow grits, white clay .....	15	115
Medium yellow sand .....	2	117
Sandy white and yellow clay, hardpan .....	43	160
Sandy yellow clay .....	16	176
Fine yellow sand, few grits with clay .....	12	188
Sandy yellow clay .....	3	191
Grayish solid clay, grits, gravel .....	34	225
Hard yellow clay, streaks of sand, few grits, gravel .....	21	246
Hard white clay, streaks of sand, grits, gravel, very few grits, gravel .....	25	271
Solid gray clay .....		below 271
Casing: 12 inches.		
Screen: 32 feet of 8 inch with bottom at 180 feet.		
Pumping test:		
May 25, 1954. Duration: .....		6 hours
Static water level: .....		46 feet
Drawdown: .....		52 feet
Yield: .....		523 gpm

N-4463. (C-8) Toren, Inc. (Mid-Island Hospital), north of Hempstead Turnpike and east of Stewart Avenue, Bethpage. Drilled by C. W. Lauman & Co., Inc., November 27, 1954.

Log:	Thickness (feet)	Depth (feet)
Coarse sand, grits and gravel .....	29	29
Brown lumpy clay with grits and sand .....	14	43
Medium brown sand .....	9	52
Brown sandy clay with mica and silt .....	11	63
Dark brown sandy clay .....	43	106
Medium coarse dark brown sand, little grit .....	8	114
Light brown sandy clay .....	3	117
Light brown medium coarse sand and few grits .....	8	125
Lumpy sandy clay, mica and silt .....	5	130
Casing: 10 inches.		
Screen: 19 1/3 feet of 10 inch with bottom at 124 feet.		
Pumping test:		
November 27, 1954. Duration: .....		9 hours
Static water level: .....		31 feet
Drawdown: .....		41 feet
Yield: .....		620 gpm

N-4464. (C-8) Hills Super Market, south of Conklin Street and east of Main Street, Farmingdale. Drilled by Fred Habenicht & Sons, May 3, 1954.

Log:	Thickness (feet)	Depth (feet)
Cellar .....	12	12
Sand and gravel .....	30	42
Casing: 4 inches.		
Screen: 10 feet of 4 inch with bottom at 42 feet.		
Pumping test:		
May 1, 1954. Duration: .....		3 hours
Static water level: .....		14 feet
Drawdown: .....		14 feet
Yield: .....		72 gpm

N-4466. (C-5) Sunrise Food Exchange, south of Hempstead Turnpike and west of William Avenue, Franklin Square. Drilled by Eastern Well & Pump Co., October 5, 1954.

Log:	Thickness (feet)	Depth (feet)
Basement .....	9	9
Light brown sand .....	7	16
Clean sharp light brown sand and gravel .....	21	37
Casing: 6 inches.		
Screen: 10 feet of 4 inch with bottom at 46 $\frac{2}{3}$ feet.		
Pumping test:		
October 5, 1954. Duration: .....		2 hours
Static water level: .....		9 feet
Drawdown: .....		4 feet
Yield: .....		69 gpm

N-4471. (C-6) Hempstead Memorial Chapel, Inc., east of Greenwich Street and south of North Grove Street, Hempstead. Drilled by Mathies Well & Pump Co., Inc., July 23, 1957.

Log:	Thickness (feet)	Depth (feet)
Coarse sand and gravel .....	35	35
Casing: 4 inches.		
Screen: 6 feet of 4 inch with bottom at 35 feet.		
Pumping test:		
July 23, 1954. Duration: .....		2 hours
Static water level: .....		10 feet
Yield: .....		55 gpm

N-4483. (B-6) Nassau Hebrew Congregation of Rockville Centre, south of Lakeview Avenue and west of Hempstead Avenue, Rockville Centre. Drilled by Eastern Well & Pump Co., April 12, 1954.

Log:	Thickness (feet)	Depth (feet)
Coarse light brown sand .....	4	4
Medium to fine white sand, grits and gravel .....	7	11
Medium to coarse brown sand and grits .....	6	17
Medium to fine brown sand .....	13	30
Medium light brown sand and grits, few gravel .....	16	46
Casing: 6 inches.		
Screen: 10 feet of 6 inch with bottom at 53 feet.		
Pumping test:		
April 12, 1954. Duration: .....		2 hours
Static water level: .....		4 $\frac{1}{2}$ feet
Drawdown: .....		5 feet
Yield: .....		78 gpm

N-4493. (D-8) Joseph M. Rottkamp, north of Bethpage Road and east of Plainview Road, Plainview. Drilled by Eastern Well & Pump Co., June 8, 1954.

Log:	Thickness (feet)	Depth (feet)
Top soil, fine brown sandy soil .....	17	17
Coarse light brown sand, grits and gravel .....	36	53
Fine brown sand, mica, lumps clay .....	8	61

N-4493. (Continued)

	Thickness (feet)	Depth (feet)
Solid gray brown clay .....	1	62
Dirty light brown coarse sand and gravel .....	7	69
Very fine and hard dark brown sand .....	6	75
Medium brown sand, lot small grit .....	6	81
Very hard fine brown sand—lump clay .....	12	93
Hard solid gray clay .....	5	98
Very hard dirty brown sand .....	8	106
Layer of hardpan, dirty brown sand, grit and gravel, lumpy clay .....	6	112
Light brown sand, clean and sharp .....	16	128
Layers of clay and sand .....	3	131
Light brown sand, small lump of clay .....	3	134
Brown clay, layer hardpan .....	6	140
Dirty brown fine sand .....	9	149
Hard solid gray clay .....	1	150
Hard brown sand, clay, mica .....	13	163
Layer gray clay .....	at	163
Fine brown sand, clay and mica .....	10	173
Layer gray clay .....	at	173
Brown sand and clay .....	7	180
Hard black clay .....	9	189
Fine dirty brown sand .....	2	191
Fine brown sand and clay .....	6	197
Fairly clean brown sand .....	5	202
Soft sandy clay .....	5	207
Hard sandy clay .....	1	208
Dirty brown sandy clay, mica .....	3	211
Light brown fine sand and mica .....	6	217
Fine to medium clean sand .....	5	222
Brown sand, fairly clean .....	2	224
Coarse brown sand .....	1	225
Layer clay, hardpan .....	at	225
Fine to coarse dirty sand, lump of clay .....	5	230
Layer brown clay, hardpan .....	1	231
Very fine silty sand .....	9	240
Clean sharp fine to medium sand .....	15	255
Solid gray clay .....	at	255
Brown sandy clay .....	5	260
Fine reddish brown sand, mica .....	9	269
Fine sand and clay .....	3	272
Dirty fine sand .....	6	278
Fine to medium red brown sand .....	3	281
Brown sand, lumps of clay .....	8	290
Fine sand and clay .....	2	292
Fine sand and clay .....	6	298
Hard brown clay .....	2	300
Soupy dirty brown sand and mica .....	10	310
Fine clean sharp sand .....	5	315
Fine to medium soupy brown sand .....	2	317
Solid gray clay .....	5	322
Solid gray clay .....	14	336
Light brown sand, mica, lump clay .....	8	344
Fine gray white sand .....	14	358
Fine yellow brown sand, hardpan .....	7	365
Fine light brown sand, gray and white clay .....	1	366
Fine silty brown sand, clay, mica .....	22	388
Clay, brown coarse sand .....	2	390

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N-4493. (Continued)

	Thickness (feet)	Depth (feet)
Dirty formation clay, hardpan, soupy sand .....	16	406
Fine gray sand, mica, grits .....	18	424
Fairly clean fine brown sand .....	18	442
Fine to medium gray brown sand .....	5	447
Layer hard gray clay .....	2	449
Dark gray dirty sand .....	6	455
Hardpan .....at		455
Light brown coarse sand .....	6	461
Clay .....at		461
Soupy light brown sand, hardpan .....	4	465
Very fine light brown sand, clay .....	6	471
Solid gray clay .....	3	474
Sandy clay and hard sand .....at		474

Casing: 8 inches.

Screen: 30 feet of 6 inch with bottom at 458½ feet.

Pumping test:

December 12, 1954. Duration: ..... 4 hours  
 Static water level: ..... 96½ feet  
 Yield: ..... 300 gpm

N-4498. (C-6) Sears Roebuck & Company, north of Main Street and west of Columbia Street, Hempstead. Drilled by Eastern Well & Pump Co., April 22, 1954.

Log:	Thickness (feet)	Depth (feet)
Basement .....	10	10
Coarse brown sand .....	6	16
Light brown, clean sharp sand, grits and gravel .....	2	18
Dark brown grits and gravel .....	32	50
Light brown, clean sand, small grits and gravel .....	6	56

Casing: 4 inches.

Screen: 52⅓ feet of 4 inch with bottom at 55⅔ feet.

Pumping test:

April 22, 1954. Duration: ..... 3 hours  
 Static water level: ..... 10 feet  
 Yield: ..... 50 gpm

N-4507. (B-5) Ellis Davidson, northwest of Sealy Avenue and Sterling Place, Lawrence. Drilled by Eastern Well & Pump Co., May 11, 1954.

Log:	Thickness (feet)	Depth (feet)
Fill .....	7	7
Fine white sand .....	3	10
Hard-packed fine white sand .....	7	17
Fine brown sand and clay .....	6	23
Dirty brown sand, grits, some stones .....	5	28
Dark brown coarse sand, grits .....	7	35
Coarse light brown sand, grits, heavy gravel .....	6	41
Fine silty black sand .....	2	43

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N-4507. (Continued)

Casing: 4 inches.  
Screen: 5 feet of 4 inch with bottom at 39 feet.

Pumping test:  
May 11, 1954. Duration: ..... 2 hours  
Static water level: ..... 4 feet  
Drawdown: ..... 5½ feet  
Yield: ..... 50 gpm

N-4511. (E-7) Leo G. Nunes, Incorporated Village of Cove Neck. Drilled by E. K. Hutchinson & Son, August 1954.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel .....	30	30
Clay .....	60	90
Sand and gravel .....	15	105

Casing: 6 inches.  
Screen: 5 feet of 5⅝ inch with bottom at 110 feet.

Pumping test: Duration: ..... 8 hours  
Static water level: ..... 30 feet  
Drawdown: ..... 85 feet  
Yield: ..... 6 gpm

N-4512. (C-5) Jamaica Water Supply Company, north of Southern State Parkway and west of Franklin Avenue, North Valley Stream. Drilled by Layne-New York Co., Inc., July 1954.

Log:	Thickness (feet)	Depth (feet)
Coarse red sand .....	40	40
Sand and gravel .....	23	63
Fine muddy sand and clay .....	17	80
White clay, fine sand .....	29	109
Blue clay .....	2	111
Muddy sand, clay and wood .....	74	185
Sand and gravel, streaks of clay .....	38	223
Muddy sand, wood, streaks of hard clay .....	40	263
Medium fine sand, wood and clay streaks .....	34	297
Tough clay .....	12	309
Medium coarse sand, clay streaks .....	39	348
Clay .....	9	357
Sand and gravel .....	5	362
Tough clay .....	14	376
Sand and gravel, clay streaks .....	38	414
Sandy clay, sand and gravel .....	24	438
Coarse sand, gravel, wood and clay .....	24	462
Coarse sand and fine gravel .....	35	497
Coarse sand, white clay .....	8	505
Tough clay .....	5	510
Black clay .....	12	522

Casing: 24, 18 and 12 inches.  
Screen: 50 feet of 12 inch with bottom at 504 feet.

Pumping test:  
May 20, 1954. Duration: ..... 8 hours  
Static water level: ..... 18 feet  
Drawdown: ..... 64 feet  
Yield: ..... 1700 gpm

N-4513. (B-5) Murray Silverman, southeast of Pepperidge Road and Azure Road, Hewlett Harbor. Drilled by Eastern Well & Pump Co., April 24, 1954.

Log:	Thickness (feet)	Depth (feet)
Top soil .....	1	1
Black bog, beach sand .....	5	6
Dirty brown sand and grits .....	4	10
Clean brown sand, grits and gravel .....	3	13
Brown coarse sand, grits and gravel .....	9	22
Red-brown sand, mostly grits and gravel .....	3	25
Clean red-brown sand, grits and gravel .....	4	29
Solid brown clay .....		below 29
Casing: 4 inches.		
Screen: 5½ feet of 4 inch with bottom at 25½ feet.		
Pumping test:		
April 24, 1954. Duration: .....		2 hours
Static water level: .....		4 feet
Yield: .....		50 gpm

N-4514. (B-5) Samuel Zimmerman, southeast of Fairway and Lakeside Drive, Woodmere. Drilled by Eastern Well & Pump Co., June 1, 1954.

Log:	Thickness (feet)	Depth (feet)
Top soil .....	1	1
Beach sand .....	3	4
Dark brown sand .....	6	10
Light brown clean sand, lot of small grit and gravel .....	10	20
Gray-brown sand, grit and gravel .....	8	28
Medium sharp gray-brown sand, grit and gravel .....	1	29
Solid gray clay .....		below 29
Casing: 4 inches.		
Screen: 5½ feet of 4 inch with bottom at 28 feet.		
Pumping test:		
June 1, 1954. Duration: .....		2 hours
Static water level: .....		8½ feet
Yield: .....		50 gpm

N-4515. (B-5) Jack Wachs, southwest of Clubhouse Road and Tee Court, Woodmere. Drilled by Eastern Well & Pump Company, April 27, 1954.

Log:	Thickness (feet)	Depth (feet)
Top soil .....	1	1
Fine brown sandy loam .....	2	3
Fine uniform brown sand .....	3	6
Beach sand .....	2	8
Brown fairly clean medium sand, small grit and gravel .....	12	20
Light brown sharp coarse sand, grit and gravel .....	3	23
Layer of silt and beach sand .....		at 23
Light brown sand, grits and gravel .....	1	24
Dark gray sand, clay and mica .....		below 24
Casing: 4 inches.		
Screen: 5½ feet of 4 inch with bottom at 24 feet.		



N-4515. (Continued)

Pumping test:  
April 27, 1954. Duration: ..... 2 hours  
Static water level: ..... 6½ feet  
Yield: ..... 50 gpm

N-4516. (B-5) Sol M. Weingast, southwest of Dolphin Drive and Curtis Road, Hewlett Neck.  
Drilled by Eastern Well & Pump Co., May 17, 1954.

Log:	Thickness (feet)	Depth (feet)
Fill, sand and rocks .....	3	3
Beach sand, bog, clam shells .....	12	15
Hard sandy black clay .....	3	18
Dirty gray-brown sand, grits and gravel .....	2	20
Silt, lumps clay, clam shells .....	8	28
Fairly solid gray-black sandy clay .....	4	32
Hard gray clay .....	11	43
Medium to coarse dirty sand, some small grits .....	5	48
Small sharp cleaner sand, grits .....	4	52
Fine clean light brown sand .....	2	54
Medium coarse gray sand, grit and gravel .....	9	63
Brown dirty sand, lumps hard gray clay .....		below 63

Casing: 4 inches.

Screen: 10 feet of 4 inch with bottom at 60 feet.

Pumping test:  
July 14, 1954. Duration: ..... 2 hours  
Static water level: ..... 6½ feet  
Drawdown: ..... 10⅓ feet  
Yield: ..... 50 gpm

N-4518. (E-7) Robert Rose, north of Valley Road and east of Chicken Valley Road, Matinecock. Drilled by Mathies Well & Pump Co., Inc., April 22, 1954.

Log:	Thickness (feet)	Depth (feet)
Fill .....	6	6
Heavy gravel and coarse sand .....	80	86
Medium sand and grits .....	5	91

Casing: 6 inches.

Screen: 11 feet of 3¾ inch with bottom at 90 feet.

Pumping test:  
April 22, 1954. Duration: ..... 4 hours  
Yield: ..... 25 gpm

N-4532. (C-5) Freeman Hendrickson, north of East Carpenter Street and west of Cornwall Avenue, Valley Stream. Drilled by Eastern Well & Pump Co., April 30, 1954.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel .....	27	27

Casing: 4 inches.

Screen: 6 feet of 4 inch with bottom at 27 feet.

Pumping test: Duration: ..... 2 hours  
Static water level: ..... 6 feet  
Drawdown: ..... 7 feet  
Yield: ..... 50 gpm

N-4541. (B-5) Samuel Stein, south of Lefferts Road and east of Cedar Avenue, Hewlett Bay Park. Drilled by Eastern Well & Pump Co., June 7, 1954.

Log:	Thickness (feet)	Depth (feet)
Sand and heavy gravel .....	9	9
Bog, dirty water .....	8	17
Dark brown sand and stones .....	3	20
Gray hard clay .....	3	23
Clam shells, dirty water bearing sand .....	1	24
Clam shells, sand, some stones .....	7	31
Clam shells, very fine sand .....	7	38
Hard gray clay .....	2	40
Medium sharp sand, some grit, dirty water .....	5	45
Medium coarse sand, grits .....	8	53
Grit, gravel, some fine sand .....	2	55
Dark brown sand, lot of grit and gravel .....	3	58

Casing: 4 inches.

Screen: 11½ feet of 4 inch with bottom at 47 feet.

Pumping test:

June 7, 1954.	Duration: .....	2 hours
	Static water level: .....	5 feet
	Yield: .....	50 gpm

N-4542. (B-5) Charles Goldberger, south of Piedmont Street and west of Vedor Drive, Hewlett Bay Park. Drilled by Eastern Well & Pump Co., August 19, 1954.

Log:	Thickness (feet)	Depth (feet)
Pit .....	4	4
Fine brown sandy silt, mica .....	14	18
Dirty layer gravel, hard gray clay .....	1	19
Dark gray sandy silt, soft clay .....	12	31
Dark gray sandy clay, clam shells .....	7	38
Gray sand, dirty small grit, has life .....	6	44
Solid gray clay .....	5	49
Fine to medium sharp light brown sand, mica, small grits .....	11	60
Very dark brown sand, mica, silty looking .....		below 60

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 54 feet.

Pumping test:

August 19, 1954.	Duration: .....	2 hours
	Static water level: .....	7⅓ feet
	Drawdown: .....	17½ feet
	Yield: .....	50 gpm

N-4548. (D-7) Milleridge Inn, south of Jericho Turnpike and east of Jericho-Hicksville Road, Jericho. Drilled by Mathies Well & Pump Co., August 18, 1954.

Log:	Thickness (feet)	Depth (feet)
Fill .....	8	8
Sand, gravel and boulders .....	10	18
Yellow clay and gravel .....	4	22
Hardpan .....	11	33
Heavy gravel .....	31	64
Coarse sand and gravel .....	21	85

N-4548. (Continued)	Thickness (feet)	Depth (feet)
Very heavy gravel and some sand .....	20	105
Yellow clay and gravel .....	7	112
Sand, gravel and some yellow clay .....	16	128
Yellow clay and grits .....	9	137
Coarse gravel .....	1	138
Yellow clay and gravel .....	3	141
Grits and gravel .....	2	143
Coarse sand and gravel .....	7	150
White clay and fine sand .....		below 150
Casing: 8 inches.		
Screen: 11½ feet of 4 inch with bottom at 150 feet.		
Pumping test:		
June 21, 1954. Duration: .....	1	hour
Static water level: .....	114⅔	feet
Yield: .....	75	gpm

N-4558. (B-6) Grand Union Store, south of Randall Avenue and west of North Village Avenue, Rockville Centre. Drilled by C. W. Lauman & Co., Inc., June 29, 1954.

Log:	Thickness (feet)	Depth (feet)
Pit .....	4	4
Fill and loamy sand .....	6	10
Coarse sand and gravel .....	10	20
Blue clay and sand .....	5	25
Medium coarse sand and some gravel .....	25	50
Coarse sand and gravel .....	5	55
Fine grayish-brown sand .....	2	57
Fine gray sand and clay .....	3	60
Casing: 4 inches.		
Screen: 11 feet of 4 inch with bottom at 51 feet.		
Pumping test:		
May 4, 1954. Duration: .....	4	hours
Static water level: .....	6	feet
Drawdown: .....	9	feet
Yield: .....	75	gpm

N-4574. (B-5) Sidney Pineus, southwest of Pepperidge and Azure Roads, Hewlett Harbor. Drilled by Eastern Well & Pump Co., May 11, 1954.

Log:	Thickness (feet)	Depth (feet)
Beach sand, black bog .....	6	6
Dirty brown sand .....	4	10
Brown sand, grits and gravel .....	12	22
Red-brown sand, mostly grits and gravel .....	3	25
Clean red-brown sand, grits .....	6	31
Casing: 4 inches.		
Screen: 5½ feet of 4 inch with bottom at 30 feet.		
Pumping test:		
May 11, 1954. Duration: .....	2	hours
Static water level: .....	4	feet
Yield: .....	50	gpm

N-4576. (B-6) Good Humor Corporation, north of Mahland Place and west of Long Beach Road, Oceanside. Drilled by S. J. Breen Co., Inc., August 27, 1954.

Log:	Thickness (feet)	Depth (feet)
Sand and clay .....	4	4
Coarse sand and grit .....	36	40

Casing: 6 inches.

Screen: 6 feet of 5½ inch with bottom at 39½ feet.

Pumping test:

August 27, 1954.	Duration: .....	4 hours
	Static water level: .....	9 feet
	Drawdown: .....	11 feet
	Yield: .....	60 gpm

N-4577. (C-5) Koenig's Restaurant, north of Mayflower Street and west of South Tyson Avenue, Floral Park. Drilled by Mathies Well & Pump Co., Inc., May 15, 1954.

Log:	Thickness (feet)	Depth (feet)
Cellar .....	8	8
Coarse sand, little gravel .....	31	43
Coarse sand, grits, few gravel .....	15	58
Coarse sand and gravel .....	12	70

Casing: 4 inches.

Screen: 5 feet of 3¾ inch with bottom at 61 feet.

Pumping test:

May 15, 1954.	Duration: .....	2 hours
	Static water level: .....	35 feet
	Yield: .....	45 gpm

N-4579. (B-5) Samuel Meiselam, southwest of Union and Rowe Avenues, Lynbrook. Drilled by Eastern Well & Pump Co., June 9, 1954.

Log:	Thickness (feet)	Depth (feet)
Orange sand, grit and small stones .....	10	10
Fine sand .....	2	12
Heavy gravel, large stones, yellow sand .....	6	18
Yellow-brown sand, grits and gravel .....	1	19
Very hard-packed gray sand .....	2	21
Light brown sand and grits .....	4	25
Clean coarse sand, many grits .....	15	40

Casing: 4 inches.

Screen: 42⅓ feet of 4 inch with bottom at 39⅔ feet.

Pumping test:

June 9, 1954.	Duration: .....	2 hours
	Static water level: .....	19½ feet
	Yield: .....	35 gpm

N-4593. (E-8) Mrs. Joanna Hadden, south of Route 25A and west of Depot Road, Cold Spring Harbor. Drilled by Weidner's Pump Service, July 1, 1954.

Log:	Thickness (feet)	Depth (feet)
Pit .....	8	8
Stones .....	22	30
Fine sand .....	45	75
Fine sand and clay .....	33	108
Fine sand and white clay .....	23	131
Sand .....	4	135
White clay .....	15	150
Coarse sand and gravel .....	9	159

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 156½ feet.

Pumping test:

June 29, 1954.	Duration: .....	4 hours
	Static water level: .....	20 feet
	Drawdown: .....	38 feet
	Yield: .....	55 gpm

N-4596. (D-5) Grand Union Store, 182 Plandome Road, Manhasset. Drilled by C. W. Lauman & Co., Inc., September 10, 1954.

Log:	Thickness (feet)	Depth (feet)
Concrete and fill .....	1	1
Coarse sand, heavy gravel .....	2	3
Coarse medium brown sand and gravel .....	23	26
Coarse brown sand and gravel .....	48	74
Medium fine yellow lumps of clay .....	10	84
Fine gray sand .....	9	93
Medium to fine yellow sand .....	5	98
Fine gray sand .....	17	115
Medium fine yellow sand and yellow clay .....	5	120
Medium to fine gray sand .....	5	125
Medium fine sand and grits .....	7	132
Coarse gray sand and grits .....	8	140

Casing: 6 inches.

Screen: 11 feet of 6 inch with bottom at 138 feet.

Pumping test:

June 26, 1954.	Duration: .....	5 hours
	Static water level: .....	95 feet
	Drawdown: .....	7 feet
	Yield: .....	45 gpm

N-4598. (C-7) Grand Union Store, north of Levittown Parkway and west of Newbridge Road, Levittown. Drilled by C. W. Lauman & Co., Inc., September 21, 1954.

Log:	Thickness (feet)	Depth (feet)
Basement .....	8	8
Coarse sand and gravel .....	64	72

Casing: 6 inches.

Screen: 11 feet of 6 inch with bottom at 63 feet.

(Continued on next page)

N-4598. (Continued)

Pumping test:  
September 14, 1954. Duration: ..... 2 hours  
Static water level: ..... 32 feet  
Drawdown: ..... 8 feet  
Yield: ..... 75 gpm

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N-4617. (D-7) Plainview Center, Inc., north of Woodbury Road and east of South Oyster Bay Road, Plainview. Drilled by C. W. Lauman & Co., Inc., February 21, 1955.

Log:	Thickness (feet)	Depth (feet)
Fill .....	10	10
Coarse sand and gravel .....	13	23
Sand and clay .....	77	100
Medium coarse sand, clay .....	10	110
Sandy clay .....	5	115
Clay .....	1	116
Brown sand, clay (active) .....	7	123
Fine to medium yellow sand (active) .....	3	126
Medium yellow sand .....	3	129
Medium fine yellow sand and gravel .....	9	138
Medium yellow sand and gravel .....	6	144
Fine yellow sand .....	31	175
Fine brown sand .....	3	178
Fine to medium brown sand .....	18	196
Fine yellow sand .....	7	203

Casing: 6 inches.

Screen: 25 feet of 6 inch with bottom at 199 feet.

Static water level: ..... 93 feet  
Yield: ..... 150 gpm

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N-4623. (D-6) Roslyn Water District, north of Diana's Trail and east of Searingtown Road, Roslyn. Drilled by Layne-New York Co., Inc., April 14, 1955.

Log:	Thickness (feet)	Depth (feet)
Top soil .....	2	2
Gravel and boulders .....	6	8
Hard clay .....	10	18
Sand, gravel and boulders .....	50	68
Hard sand .....	40	108
Very hard sand .....	22	130
Sand, gravel, streaks of clay .....	60	190
Hard-packed sand and clay .....	87	277
Hard sand and wood .....	33	310
Hard dry sand .....	55	365
Hard streaks .....	1	366
Hard sand, fine gravel .....	56	422
Hard sand and clay .....	10	432
Hard sand and gravel .....	16	448
Coarse sand and gravel, some hard streaks .....	53	501
Tough white clay .....	20	521

Casing: 18 inches.

Screen: 50 feet of 12 inch with bottom at 498 feet.

N-4623. (Continued)

Pumping test:  
 April 14, 1955. Duration: ..... 8 hours  
 Static water level: ..... 201 feet  
 Drawdown: ..... 76 feet  
 Yield: ..... 1050 gpm

N-4633. (D-7) Meadowbrook Club, north of Jericho Turnpike and west of Hicksville Road, Jericho. Drilled by C. W. Lauman & Co., Inc., December 6, 1954.

Log:	Thickness (feet)	Depth (feet)
Loam and large gravel .....	2	2
Coarse brown sand, grits, large gravel, niggerheads .....	50	52
Coarse brown sand, gravel, grits .....	50	102
Medium coarse brown sand, grits .....	55	157
Fine brown sand and clay .....	5	162
Coarse brown sand, grits, gravel .....	11	173
Medium coarse brown sand and grits .....	44	217
Fine brown sand, streaks of clay .....	32	249
Fine brown sand .....	20	269
Fine brown sand, streaks of solid sandy clay .....	4	273
Fine gravel, sand, clay, layers of sandy clay .....	16	289
Fine gray sandy clay .....	19	308

Casing: 16 inches.

Screen: 52 feet of 12 inch with bottom at 205½ feet.

Pumping test:  
 August 25, 1954. Duration: ..... 8 hours  
 Static water level: ..... 94 feet  
 Drawdown: ..... 15 feet  
 Yield: ..... 1250 gpm

N-4640. (C-5) The Fairlanes, Inc., north of Lakeville Road and west of Lowell Avenue, New Hyde Park. Drilled by Eastern Well & Pump Co., July 30, 1954.

Log:	Thickness (feet)	Depth (feet)
Fill .....	7	7
Dark brown coarse sand .....	38	45
Dark brown coarse sand and lot of grits .....	15	60
Dark brown coarse sand .....	7	67
Light brown coarse sand .....	9	76

Casing: 6 inches.

Screen: 10 feet of 4 inch with bottom at 79 feet.

Pumping test:  
 November 24, 1954. Duration: ..... 3 hours  
 Static water level: ..... 45 feet  
 Yield: ..... 100 gpm

N-4678. (E-5) Manda Realty Co., Inc., north of Yennecock Avenue and west of Sagamore Hill Road, Manorhaven. Drilled by Mathies Well & Pump Co., Inc., December 28, 1954.

Log:	Thickness (feet)	Depth (feet)
Fill .....	1	1
Medium sand .....	6	7
Bog .....	2	9

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N-4678. (Continued)

	Thickness (feet)	Depth (feet)
Medium sand .....	4	13
Coarse sand and gravel .....	3	16
Fine sand and few small grits .....	5	21
Fine sand .....	10	31

Casing: 4 inches.

Screen: 9 feet of 4 inch with bottom at 30 feet.

Pumping test:

December 28, 1954. Duration: ..... 2 hours  
 Static water level: ..... 9½ feet  
 Yield: ..... 75 gpm

N-4693. (B-6) Krown Realty, east of Grand Avenue and north of Brooklyn Avenue, Baldwin. Drilled by C. W. Lauman & Co., Inc., September 9, 1954.

Log:	Thickness (feet)	Depth (feet)
Basement .....	9	9
Fine brown sand .....	10	19
Coarse brown sand, grits and gravel .....	12	31
Very fine sand and mica .....	3	34
Very fine gray sand and mica .....	3	37
Fine gray sand, clay and some shells .....	2	39
Fine gray sand and mica .....	10	49
Gray clay .....		below 49

Casing: 4 inches.

Screen: 6 feet of 4 inch with bottom at 23 feet.

Pumping test:

July 21, 1954. Static water level: ..... 9 feet  
 Drawdown: ..... 11 feet  
 Yield: ..... 60 gpm

N-4695. (D-5) Grand Union Store, south of Revere Drive and east of Port Washington Boulevard, Port Washington. Drilled by C. W. Lauman & Co., Inc., August 25, 1954.

Log:	Thickness (feet)	Depth (feet)
Pit .....	4	4
Fill .....	4	8
Coarse brown sand and gravel .....	21	29
Gray clay .....	13	42
Gray clay, some gravel and stones .....	11	53
Medium fine brown sand and some gravel .....	8	61
Medium coarse light brown sand, some grits and gravel .....	22	83

Casing: 8 inches.

Screen: 11 feet of 6 inch with bottom at 79 feet.

Pumping test:

August 25, 1954. Duration: ..... 4 hours  
 Static water level: ..... 25 feet  
 Drawdown: ..... 8 feet  
 Yield: ..... 79 gpm



N-4708. (D-7) Pittsburgh Plate Glass Co., Hicksville. Drilled by Layne-New York Co., Inc.,  
October 7, 1954.

Log:	Thickness (feet)	Depth (feet)
Fill .....	2	2
Sand and gravel .....	34	36
Iron pyrites and clay .....	6	42
Red sand .....	5	47
Coarse white sand .....	2	49
White clay streaks .....	6	55
Medium white sand .....	19	74
White and gray clay .....	6	80
Soft white clay .....	7	87
Fine white sand .....	3	90
White and blue clay .....	2	92
Coarse sand and gravel .....	6	98
Medium white sand .....	13	111
White clay, yellow streaks .....	9	120
Clay and iron pyrite .....	2	122
Medium and fine white sand .....	2	124
White, gray and yellow clay .....	7	131
Hard gray clay .....	3	134
Iron pyrites and gray clay .....	4	138
Medium and fine white sand .....	2	140
Fine sand .....	2	142
Iron pyrites, fine sand .....	7	149
Iron pyrites and clay .....	4	153
Yellow clay .....	1	154
Medium fine sand .....	1	155
Sandy gray clay .....	2	157
Medium sand and iron pyrite .....	13	170
Clay and iron pyrites .....	1	171
Medium white sand .....	1	172
Iron pyrites and clay .....	5	177

Casing: 10 and 16 inches.

Screen: 20 feet of 10 inch with bottom at 169 feet.

Pumping test:

July 19, 1954.	Duration: .....	3	hours
	Static water level: .....	47½	feet
	Drawdown: .....	13	feet
	Yield: .....	439	gpm

N-4754. (D-4) Sam Praver, north of Beach Road and west of West Shore Road, Kings Point.  
Drilled by C. W. Lauman & Co., Inc., November 12, 1954.

Log:	Thickness (feet)	Depth (feet)
Brown sand and fine gravel .....	24	24
Brown sand and medium coarse gravel .....	20	44
Brown sand and coarse gravel .....	15	59
Yellow sand, coarse gravel, clay .....	15	74
Yellow sand, medium coarse gravel, clay .....	8	82
Fine yellow sand, gravel, clay .....	4	86

Casing: 6 inches.

Screen: 11 feet of 6 inch with bottom at 86 feet.

November 12, 1954.	Duration: .....	2	hours
	Static water level: .....	47	feet
	Drawdown: .....	34	feet
	Yield: .....	65	gpm

N-4756. (C-7) Uniondale Water District, south of Wilson Road and east of Sterling Street, East Hempstead. Drilled by C. W. Lauman & Co., Inc., May 10, 1955.

Log:	Thickness (feet)	Depth (feet)
Loam .....	3	3
Coarse brown sand and gravel .....	50	53
Coarse brown sand, gravel and brown clay .....	3	56
Solid gray clay, layers of lignite .....	12	68
Medium fine gray sand, grit, gravel and clay .....	2	70
Fine gray sand, clay .....	37	107
Fine brown sand .....	11	118
Fine gray sand—streaks sandy clay, solid clay lignite .....	36	154
Solid gray clay .....	19	173
Fine gray sandy clay .....	6	179
Fine gray sand, layers of sandy clay and lignite .....	34	213
Fine gray sand, mica, clay .....	17	230
Fine gray sand, mica, streaks of clay, lignite .....	14	244
Fine gray sand, mica, streaks lignite .....	10	254
Fine gray sand, streaks of lignite, solid clay .....	6	260
Fine gray sand, mica, streaks of lignite .....	28	288
Fine gray sand, mica, streaks lignite, solid clay .....	17	305
Solid gravel, streaks of fine gray sand, lignite .....	6	311
Fine gray sandy clay, streaks of lignite, solid clay .....	9	320
Fine gray sand, mica, streaks of lignite, pyrite .....	29	349
Fine gray sandy clay .....	5	354
Fine gray sand, clay, mica .....	53	407
Solid gray clay .....	10	417
Fine gray sand, solid clay, lignite .....	6	423
Fine brown sand, mica, clay .....	4	427
Fine brown sand, mica .....	17	444
Medium, coarse brown sand, clay .....	17	461
Gray sandy clay, solid clay, lignite .....	5	466
Fine brown sand, sandy and solid clay, lignite .....	5	471
Fine brown sand .....	10	481
Fine gray sand, layers of sandy clay, lignite .....	10	491
Gray sandy clay .....	4	495
Solid gray clay .....	6	501
Fine brown sand .....	5	506
Fine brown sand, streaks of clay, lignite .....	6	512
Fine brown sand, streaks of sandy clay, grits .....	11	523
Gray sandy clay .....	30	553
Medium brown sand, streaks of gray sandy clay .....	5	558
Fine brown sand, grits, gravel, streaks of clay .....	15	573
Solid gray clay .....	5	578
Medium coarse brown sand, gray sand, grits, streaks of clay .....	12	590
Coarse brown pinkish sand, clay, grits, gravel, streaks of solid clay .....	16	606
Coarse brown sand, grits, gravel .....	21	627
Medium brown sand .....	5	632
Coarse brown sand, grits, gravel, stones, streaks of solid clay .....	3	635
Solid hard multi-colored clay, gravel .....	16	651
Fine gray sandy clay, streaks solid clay .....	31	682
Solid gray clay, streaks of sandy clay, lignite .....	12	694
Solid hard brown gravel clay .....	10	704
Solid gray clay, streaks pyrite .....	32	736
Fine gray sandy clay, mica .....	21	757
Solid gray clay, streaks pyrite .....	28	785
Solid gray clay, streaks sandy clay, lignite .....	22	807
Solid hard gray and red clay .....	9	816
Gray sandy clay, mica .....	6	822
Fine gray sand, mica, streaks of solid clay .....	5	827

N-4756. (Continued)

	Thickness (feet)	Depth (feet)
Fine gray sand, mica .....	36	863
Medium gray sand, grits, gravel .....	19	882
Fine gray sandy clay, mica .....	17	899
Medium fine gray sand, clay, streaks of solid clay .....	9	908

Casing: 18 inches.

Screen: 62 $\frac{1}{3}$  feet of 12 inch with bottom at 307 feet.

Pumping test:

October 6, 1954. Duration: ..... 8 hours  
 Static water level: ..... 21 feet  
 Drawdown: ..... 29 feet  
 Yield: ..... 1200 gpm

N-4760. (E-7) Pine Hollow Country Club, north of North Hempstead Turnpike and east of Split Rock Road, East Norwich. Drilled by C. W. Lauman & Co., Inc., August 15, 1954.

Log:	Thickness (feet)	Depth (feet)
Loam and sandy clay .....	5	5
Coarse brown sand, gravel, boulders .....	47	52
Coarse brown sand, gravel, large stones .....	21	73
Coarse brown sand, gravel, some clay .....	82	155
Medium brown sand .....	30	185
Fine brown sand, some gravel .....	33	218
Fine brown sand, some gravel .....	3	221
Coarse brown sand, gravel, streaks clay .....	4	225
Medium brown sand, gravel .....	19	244

Casing: 12 inches.

Screen: 32 feet of 8 inch with bottom at 240 feet.

Pumping test:

September 15, 1954. Duration: ..... 4 hours  
 Static water level: ..... 172 feet  
 Drawdown: ..... 13 feet  
 Yield: ..... 674 gpm

N-4763. (E-5) Gustave Schindler Estate, north of Middle Neck Road and west of Harbor Hills Road, Sands Point. Drilled by C. W. Lauman & Co., Inc., September 20, 1954.

Log:	Thickness (feet)	Depth (feet)
Pit .....	4	4
Large stones, gravel and sand .....	36	40
Coarse sand and gravel .....	35	75
Fine sand .....	21	96
Medium fine sand, grit and gravel .....	11	107
Sandy clay .....	8	115

Casing: 6 inches.

Screen: 6 feet of 6 inch with bottom at 102 feet.

Static water level: ..... 89 feet  
 Yield: ..... 13 gpm

N-4766. (C-7) Sunrise Food Exchange, north of Falcon Street and east of Newbridge Road, East Meadow. Drilled by Eastern Well & Pump Co., August 6, 1954.

Log:	Thickness (feet)	Depth (feet)
Cellar .....	9	9
Clean brown sand .....	12	21
Clean brown sand, grits, gravel (darker) .....	15	36
Clean brown sand, grits, gravel .....	13	49
Casing: 6 inches.		
Screen: 6 feet of 4 inch with bottom at 49 feet.		
Pumping test:		
August 6, 1954. Duration: .....	2	hours
Static water level: .....	13 $\frac{1}{4}$	feet
Drawdown: .....	71	feet
Yield: .....	69	gpm

N-4772. (C-6) Great Neck Saw Co., south of Union Street and west of East Second Street, Mineola. Drilled by Fred Habenicht & Sons, November 29, 1954.

Log:	Thickness (feet)	Depth (feet)
Well pit .....	6	6
Coarse sand and gravel .....	32	38
Very coarse sand and pebbles .....	21	59
Large stones .....	9	68
Very coarse sand and pebbles .....	11	79
Very fine red sand .....	2	81
Casing: 6 inches.		
Screen: 10 feet of 5 $\frac{3}{4}$ inch with bottom at 79 feet.		
Pumping test:		
November 3, 1954. Duration: .....	1	day
Static water level: .....	45	feet
Drawdown: .....	16	feet
Yield: .....	85	gpm

N-4789. (C-7) Empress Diners, Inc., Hempstead Turnpike and Newbridge Road, East Meadow. Drilled by Eastern Well & Pump Co., August 6, 1954.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel .....	6	6
Clean, light brown sand, grit and gravel .....	1	7
Very clean coarse sand .....	11	18
Heavy gravel, coarse sand .....	4	22
Layer sand and gravel (dirty) .....	at	22
Sand and gravel, clean and sharp .....	4	26
Clean sharp light brown sand, some grit and gravel .....	6	32
Clean sand and gravel .....	10	42
Casing: 6 inches.		
Screen: 5 feet of 4 inch with bottom at 40 feet.		
Pumping test:		
July 29, 1954. Duration: .....	2	hours
Static water level: .....	21 $\frac{1}{4}$	feet
Drawdown: .....	2	feet
Yield: .....	30	gpm

N-4807. (C-5) Redvanly Men's Shop, south of Tulip Avenue and west of Plainfield Road, Floral Park. Drilled by Eastern Well & Pump Co., December 20, 1954.

Log:	Thickness (feet)	Depth (feet)
Basement .....	9	9
Light gray brown sand, grits .....	14	23
Coarse brown sand .....	34	57
Very coarse clean sand, lot of grits and gravel .....	8	65
Casing: 4 inches.		
Screen: 6 feet of 4 inch with bottom at 58 feet.		
Pumping test:		
December 20, 1954.	Duration: .....	3 hours
	Static water level: .....	39 feet
	Drawdown: .....	7 feet
	Yield: .....	45 gpm

N-4815. (B-6) Doctors Hospital, north of Merrick Road and west of Bayview Avenue, Freeport. Drilled by Eastern Well & Pump Co., March 24, 1955.

Log:	Thickness (feet)	Depth (feet)
Brown medium sand .....	3	3
Brown coarse sand, grits and few gravel .....	27	30
Fine gray beach sand, wood and mica .....	74	104
Medium gray sand .....	7	111
Medium to coarse gray sand and grits .....	18	129
Gray clay .....	4	133
Casing: 6 inches.		
Screen: 10 feet of 6 inch with bottom at 127 feet.		
Pumping test:		
December 10, 1954.	Duration: .....	2 hours
	Static water level: .....	5 $\frac{2}{3}$ feet
	Drawdown: .....	4 feet
	Yield: .....	75 gpm

N-4859. (E-5) Port Washington Water District, south of Sandy Hollow Road, Port Washington. Drilled by Layne-New York Co., Inc., October 5, 1954.

Log:	Thickness (feet)	Depth (feet)
Brown sand .....	15	15
Sand, gravel .....	10	25
Hardpan, boulders .....	17	42
Sand, gravel .....	8	50
Sandy clay .....	21	71
Muddy sand .....	19	90
Gray clay .....	82	172
Fine sand .....	4	176
Sandy clay, lignite .....	14	190
Fine sand .....	11	201
Brown clay .....	1	202
Brown muddy sand .....	11	213
Gray sand, fine to coarse .....	32	245
Blue clay, lignite .....	8	253
Sand .....	2	255

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N-4859. (Continued)

	Thickness (feet)	Depth (feet)
Clay, lignite .....	8	263
Gravel .....	2	265
Clay, lignite .....	16	281
Sand gravel .....	7	288
Clay .....	7	295
Sand, gravel .....	5	300
Clay .....	25	325
Sand .....	5	330
Clay .....	15	345
Muddy brown sand .....	3	348
Sand, gravel .....	40	388
Red muddy sand .....	1	389

Casing: 30, 20 and 12 inches.

Screen: 30 feet of 12 inch with bottom at 385 feet.

Pumping test:

September 28, 1954. Duration: ..... 8 hours  
 Static water level: ..... 58 feet  
 Drawdown: ..... 14 feet  
 Yield: ..... 305 gpm

N-4860. (E-5) Port Washington Water District, south of Sandy Hollow Road, Port Washington. Drilled by Layne-New York Co., Inc., November 16, 1954.

Log:	Thickness (feet)	Depth (feet)
Fill .....	8	8
Gravel, streaks clay .....	29	37
Blue clay .....	3	40
Coarse sand and gravel .....	53	93
Clay .....	11	104

Casing: 30, 20 and 12 inches.

Screen: 30 feet of 12 inch with bottom at 90 feet.

Pumping test:

November 16, 1954. Duration: ..... 8 hours  
 Static water level: ..... flows  
 Drawdown: ..... 20 feet  
 Yield: ..... 500 gpm

N-4893. (D-5) Temple Beth-El, west of Middle Neck Road and north of Old Mill Road, Great Neck. Drilled by C. W. Lauman & Co., Inc., December 17, 1954.

Log:	Thickness (feet)	Depth (feet)
Fine brown sand .....	5	5
Brown sandy clay .....	20	25
Brown sand and clay .....	5	30
Brown sand, small gravel .....	15	45
Brown sand, some gravel .....	5	50
Coarse brown sand and small gravel .....	43	93
Blue clay .....	5	98

Casing: 6 inches.

Screen: 15¾ feet of 6 inch with bottom at 93 feet.

N-4893. (Continued)

Pumping test:  
 November 15, 1954. Duration: ..... 8 hours  
 Static water level: ..... 51 feet  
 Drawdown: ..... 10 feet  
 Yield: ..... 150 gpm

N-4924. (E-6) Woodside Farms, Inc., north of Glen Head Road and west of Cedar Swamp Road, Glen Head. Drilled by Long Island Water Supply Co., October 28, 1954.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel .....	25	25
Brown clay .....	16	41
Coarse sand and gravel .....	20	61

Casing: 6 inches.  
 Screen: 10 feet of 6 inch with bottom at 61 feet.

Pumping test:  
 August 18, 1954. Duration: ..... 4 hours  
 Static water level: ..... 15 feet  
 Drawdown: ..... 35 feet  
 Yield: ..... 45 gpm

N-5007. (D-7) Westbury Water District, north of Brush Hollow Road and west of Kings Street, North Hempstead. Drilled by Layne-New York Co., Inc., May 16, 1955.

Log:	Thickness (feet)	Depth (feet)
Sand, gravel .....	14	14
Brown clay .....	1	15
Sand, clay, iron oxide .....	32	47
Brown sandy clay .....	3	50
Gray clay .....	24	74
White-brown clay .....	5	79
Brown sand .....	9	88
Sand clay .....	4	92
White sand .....	6	98
Clay .....	2	100
White sand .....	7	107
Clay .....	15	122
Sand, clay .....	21	143
Brown sand .....	8	151
Various colored clay .....	36	187
Brown sand .....	10	197
White clay .....	5	202
White-brown sand .....	21	223
Red-white clay .....	2	225
White-brown sand .....	35	260
Brown-white clay .....	2	262

Casing: 12 inches.  
 Screen: 50 feet of 12 inch with bottom at 260 feet.

Pumping test:  
 November 10, 1954. Duration: ..... 8 hours  
 Static water level: ..... 37 feet  
 Drawdown: ..... 35 feet  
 Yield: ..... 1110 gpm

N-5008. (C-6) Nahas Rug Co., south of Hempstead Turnpike and west of Spruce Street, West Hempstead. Drilled by Eastern Well & Pump Co., October 21, 1954.

Log:	Thickness (feet)	Depth (feet)
Basement .....	9	9
Coarse stoney sand .....	7	16
Clean coarse yellow-brown sand, grits and gravel .....	20	36
Casing: 4 inches.		
Screen: 4 $\frac{2}{3}$ feet of 4 inch with bottom at 35 $\frac{1}{2}$ feet.		
Pumping test:		
September 3, 1954. Duration: .....	3	hours
Static water level: .....	16	feet
Drawdown: .....	3 $\frac{2}{3}$	feet
Yield: .....	40	gpm

N-5010. (B-5) Temple Israel, north of Central Avenue and east of Winchester Place, Lawrence. Drilled by Eastern Well & Pump Co., September 3, 1954.

Log:	Thickness (feet)	Depth (feet)
Medium coarse sand .....	5	5
Medium sand, grits and gravel .....	8	13
Medium to coarse sand (brown), mostly grits and gravel ....	8	21
Medium to coarse sand, lots of grits and gravel .....	8	29
Casing: 6 inches.		
Screen: 5 feet of 6 inch with bottom at 28 $\frac{1}{2}$ feet.		
Pumping test:		
September 3, 1954. Static water level: .....	15 $\frac{1}{3}$	feet
Drawdown: .....	9 $\frac{1}{4}$	feet
Yield: .....	60	gpm

N-5020. (C-6) Mr. & Mrs. Charles Alban, west of Kensington Avenue and north of Stewart Avenue, Garden City. Drilled by Fred Habenicht & Sons, September 19, 1954.

Log:	Thickness (feet)	Depth (feet)
Top soil .....	2	2
Sand and gravel .....	44	46
Sand and gravel .....		below 46
Casing: 6 inches.		
Screen: 8 feet of 4 inch with bottom at 46 feet.		
Pumping test:		
September 17, 1954. Duration: .....	4	hours
Static water level: .....	18	feet
Drawdown: .....	14	feet
Yield: .....	43	gpm

N-5023. (C-6) Albert De Meo, south of Stewart Avenue and east of Washington Avenue, Garden City. Drilled by Eastern Well & Pump Co., September 21, 1954.

Log:	Thickness (feet)	Depth (feet)
Top soil .....	3	3
Dirty brown sand, stones .....	5	8
Clean brown sand, stones .....	12	20



N-5023. (Continued)	Thickness (feet)	Depth (feet)
Sand and gravel, some rust near static .....	13	33
Medium to fine sand and grits .....	7	40
Medium coarse sand, grits and gravel .....	15	55
Casing: 4 inches.		
Screen: 5 feet of 4 inch with bottom at 52 feet.		
Pumping test:		
September 21, 1954. Duration: .....		2 hours
Static water level: .....		32 feet
Yield: .....		45 gpm

N-5026. (D-8) King Kullen Store, south of Old Country Road and east of Floral Avenue, Plainview. Drilled by C. W. Lauman & Co., Inc., October 14, 1954.

Log:	Thickness (feet)	Depth (feet)
Fill .....	5	5
Coarse sand and gravel .....	43	48
Sand, some clay .....	46	94
Medium brown sand .....	6	100
Fine brown sand and clay .....	9	109
Casing: 6 inches.		
Screen: 10 feet of 6 inch with bottom at 109 feet.		
Pumping test:		
October 14, 1954. Duration: .....		2 hours
Static water level: .....		72 feet
Drawdown: .....		23 feet
Yield: .....		70 gpm

N-5030. (C-6) Mercy Hospital Association, east of North Village Avenue and south of Southern State Parkway, Rockville Centre. Drilled by Eastern Well & Pump Co., October 1955.

Log:	Thickness (feet)	Depth (feet)
Pit .....	8	8
Medium to coarse brown sand .....	25	33
Medium to coarse reddish brown sand .....	6	39
Casing: 8 inches.		
Screen: 5 feet of 8 inch with bottom at 39 feet.		
Pumping test:		
September 9, 1954. Duration: .....		8 hours
Static water level: .....		17 feet
Drawdown: .....		4 feet
Yield: .....		160 gpm

N-5031. (C-6) Herbert Elsinger, south of Seventh Avenue and east of Franklin Avenue, Garden City. Drilled by Mathies Well & Pump Co., November 5, 1954.

Log:	Thickness (feet)	Depth (feet)
Sand and heavy gravel .....	43	43
Casing: 4 inches.		
Screen: 51½ feet of 4 inch with bottom at 43 feet.		

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N-5031. (Continued)

Pumping test:

November 5, 1954. Duration: ..... 2 hours  
Static water level: ..... 22 feet  
Yield: ..... 40 gpm

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N-5036. (C-7) Wantagh Fire District, north of Mill Road and east of Baltagh Avenue, Wantagh. Drilled by C. W. Lauman & Co., Inc., September 15, 1954.

Log:	Thickness (feet)	Depth (feet)
Top soil .....	1	1
Coarse dark brown sand, grits and gravel .....	7	8
Coarse brown sand, grits and plenty of gravel .....	37	45

Casing: 6 inches.  
Screen: 16 feet of 6 inch with bottom at 44 feet.

Static water level: ..... 7 feet

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N-5038. (B-6) Rockpro Corporation, north of Hempstead Avenue and east of North Village Avenue, Rockville Centre. Drilled by Mathies Well & Pump Co., Inc., September 7, 1954.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel .....	32	32
Sand and balls of clay .....	10	42
Coarse sand and grits .....	30	72

Casing: 6 inches.  
Screen: 15 feet of 6 inch with bottom at 71 feet.

Pumping test:  
September 7, 1954. Duration: ..... 4 hours  
Static water level: ..... 13 feet  
Drawdown: ..... 11 feet  
Yield: ..... 150 gpm

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N-5058. (D-7) Levitt Residence, south of Wheatly-Brookville Highway and east of Cedar Swamp Road, Brookville. Drilled by C. W. Lauman & Co., Inc., April 22, 1955.

Log:	Thickness (feet)	Depth (feet)
Sand and sandy clay .....	8	8
Boulders in sandy clay .....	54	62
Coarse sand, grits, gravel and boulders .....	6	68
Coarse sand, grits, gravel in hard-packed clay .....	18	96
Solid brown clay (hard-packed) .....	9	105
Coarse sand, grits, gravel in clay, hard-packed .....	24	129
Solid brown clay .....	6	135
Sand, coarse, grits and gravel .....	61	196
Solid brown clay .....	3	199
Fine sand, grits, gravel and clay .....	5	204
Medium coarse sand, grits and gravel .....	21	225
Sand, grits in clay .....	8	233
Medium brown sand, grits and gravel .....	20	253

Casing: 8 inches.  
Screen: 20 feet of 8 inch with bottom at 255 feet.

N-5058. (Continued)

Pumping test:  
November 17, 1954. Duration: ..... 5 hours  
Static water level: ..... 151 feet  
Drawdown: ..... 8 feet  
Yield: ..... 200 gpm

N-5061. (B-5) Morris Klein, south of Baylis Place and west of Warrick Road, Lynbrook.  
Drilled by Eastern Well & Pump Co., May 16, 1955.

Log:	Thickness (feet)	Depth (feet)
Fill .....	3	3
Hard dirty gravel .....	5	8
Brown sand, grits and gravel .....	2	10
Fine brown sand .....	5	15
Very hard fine brown sand .....	10	25
Fine gray sand, mica .....	6	31
Light brown sand, clean and sharp, many grits and gravel .....	12	43

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 42 feet.

Pumping test:  
May 6, 1955. Duration: ..... 2 hours  
Static water level: ..... 19 feet  
Drawdown: ..... 2 feet  
Yield: ..... 45 gpm

N-5069. (D-6) S. Marino, north of Fox Hollow Lane and west of Old Wesbury Road, Old Westbury. Drilled by Michael Grandazza, November 22, 1954.

Log:	Thickness (feet)	Depth (feet)
Loam and sand .....	15	15
Gravel .....	13	28
Rock .....	22	50
Sand and water .....	21	71
Fine sand .....	39	110
Coarse sand and water .....	30	140

Casing: 4 inches.

Screen: 12 feet of 4 inch with bottom at 140 feet.

Pumping test:  
November 3, 1954. Duration: ..... 5 hours  
Static water level: ..... 71 feet  
Drawdown: ..... 7 feet  
Yield: ..... 40 gpm

N-5071. (E-6) Nassau Country Club, south of Birnham Road and east of St. Andrews Lane, Glen Cove. Drilled by C. W. Lauman & Co., Inc., November 10, 1954.

Log:	Thickness (feet)	Depth (feet)
Top soil, clay, loam .....	3	3
Medium coarse brown sand, grits, gravel and rocks (boulders) to 8" .....	92	95
Coarse brown sand, grits, gravel and streaks of clay .....	5	100

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N-5071. (Continued)

	Thickness (feet)	Depth (feet)
Medium coarse brown sand, grits, and streaks of clay .....	34	134
Solid white clay .....	3	137
Gray sandy clay .....	26	163
Coarse sand, grits .....	7	170
Medium fine sand, grits, clay .....	18	188
Medium coarse sand, grits and gravel, streaks of clay .....	22	210
Fine gray sand, grits, clay .....	8	218
Coarse gray sand, grits, gravel .....	10	228
Coarse brown sand, grits, gravel .....	6	234
Brown sand, grits, gravel, streaks of clay .....	8	242
Fine sand, grits, gravel, clay .....	3	245

Casing: 12 inches.

Screen: 32 feet of 10 inch with bottom at 242 feet.

Pumping test:

October 26, 1954.	Duration: .....	10 hours
	Static water level: .....	90 feet
	Drawdown: .....	23 feet
	Yield: .....	672 gpm

N-5072. (B-5) B. Adler, north of Harbor Road and west of Thixton Drive, Hewlett Harbor.  
 Drilled by Eastern Well & Pump Co., October 21, 1954.

Log:	Thickness (feet)	Depth (feet)
Top soil .....	2	2
Light brown sand and gravel .....	10	12
Black bog .....	8	20
Light brown medium clean hard-packed sand .....	12	32
Medium to coarse brown sand, grits and gravel .....	7	39
Brown solid clay .....	3	42
Dirty brown sand, few small grits running to clean sharp sand .....	8	50

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 55 feet.

Pumping test:

September 25, 1954.	Duration: .....	2 hours
	Static water level: .....	10 feet
	Drawdown: .....	10 feet
	Yield: .....	45 gpm

N-5074. (D-5) Geon International Corporation, south of Knights Bridge Road and east of  
 Great Neck Road, Great Neck. Drilled by Mathies Well & Pump Co., Inc., December 1, 1954.

Log:	Thickness (feet)	Depth (feet)
Sandy brown clay and boulders .....	30	30
Heavy gravel and large stones .....	21	51
Coarse white sand and white clay .....	8	59
Brown clay .....	8	68
Gray clay .....	17	85
Sandy gray clay .....	7	92
White clay, little sand and grits .....	1	93
Coarse sand, grits and lot of clay .....	19	112
Coarse sand, grits and clay balls .....	8	120
White clay and sand .....		below 120

N-5074. (Continued)

Casing: 6 inches.

Screen: 6 feet of 4 inch with bottom at 118 feet.

Pumping test:

November 10, 1954. Duration: ..... 3 hours  
 Static water level: ..... 63 feet  
 Yield: ..... 35 gpm

N-5075. (B-5) Herman Aibel, southeast of Sterling Place and Sealy Avenue, Lawrence.  
 Drilled by Eastern Well & Pump Co., December 4, 1954.

Log:	Thickness (feet)	Depth (feet)
Top soil .....	3	3
Medium to fine light brown sand .....	5	8
Light brown sharp sand, few grits, gravel .....	3	11
Very fine gray sand .....	1	12
Light brown sand, grit and gravel .....	8	20
Dirty brown sand, grit, gravel .....	9	29
Light brown medium sand, grit, gravel .....	2	31
Medium to coarse light brown sand, grit, gravel .....	6	37
Casing: 4 inches.		
Screen: 5 feet of 4 inch with bottom at 35 feet.		
Pumping test:		
December 4, 1954. Duration: .....		3 hours
Static water level: .....		11 feet
Drawdown: .....		3 feet
Yield: .....		45 gpm

N-5076T. (C-5) Jamaica Water Supply Co., south of Madison Street and west of Cross Avenue, Elmont. Drilled by Layne-New York Co., Inc., December 7, 1954.

Log:	Thickness (feet)	Depth (feet)
Red sand and gravel .....	12	12
Gray sand, streaks clay .....	23	35
Brown sand .....	45	80
Red sand .....	22	102
Coarse yellow sand .....	36	138
Blue muddy sand and clay .....	42	180
Sand drilled good .....	25	205
Sand (muddy) .....	12	217
Blue clay .....	18	235
Sand streaks clay .....	35	270
Sand and gravel .....	11	281
Clay .....	8	289
Sand and gravel, not too good .....	46	335
Sandy clay .....	7	342
Sand, gravel and wood .....	93	435
Sand, gravel and clay streaks .....	28	463
Blue clay .....	12	475
Sand and streaks clay .....	8	483

Note: Temporary screen settings were made at the following depths:—

60 feet to 80 feet  
 115 feet to 135 feet  
 185 feet to 205 feet  
 300 feet to 320 feet  
 385 feet to 405 feet

Static water level for all strata was 31 feet below grade.

N-5079. (B-5) Joseph Miles, southeast of Channel Drive, Hewlett Harbor. Drilled by Mathies Well & Pump Co., Inc., January 25, 1955.

Log:	Thickness (feet)	Depth (feet)
Top soil and fill .....	5	5
Medium sand and grits .....	10	15
Bog and sand .....	7	22
Coarse sand and grits .....	22	44
Coarse sand and grits (traces of clay) .....	12	56
Fine sand (some grits) .....	11	67
Coarse sand and grits .....	45	112
Gray clay (solid) .....	19	131
Sandy gray clay and gravel .....	6	137
Coarse sand and grits .....	6	143
Medium sand and grits .....	3	146
Medium fine sand .....	7	153

Casing: 4 inches.

Screen: 15 feet of 4 inch with bottom at 153 feet.

Pumping test:

January 25, 1955.	Duration: .....	2 hours
	Static water level: .....	7 feet
	Yield: .....	45 gpm

N-5080. (C-7) Michaels Fair-Mart Food Stores, Inc., north of Wantagh Avenue and east of Park Avenue, Wantagh. Drilled by Eastern Well & Pump Co.

Log:	Thickness (feet)	Depth (feet)
Basement .....	8	8
Medium to coarse brown sand, grits and gravel .....	42	50

Casing: 6 inches.

Screen: 10 feet of 4 inch with bottom at 50 feet.

Pumping test:

October 20, 1954.	Duration: .....	3 hours
	Static water level: .....	2 feet
	Drawdown: .....	4 feet
	Yield: .....	88 gpm

N-5081. (B-6) Stop-N-Shop Super Market, c/o S. & S. Wholesale Grocery Company, south of Merrick Road and east of Park Avenue, Baldwin. Drilled by Eastern Well & Pump Co., October 20, 1955.

Log:	Thickness (feet)	Depth (feet)
Cellar .....	8	8
Coarse brown sand and gravel .....	18	26

Casing: 6 inches.

Screen: 5 feet of 6 inch with bottom at 26 feet.

Pumping test:

October 18, 1954.	Duration: .....	3 hours
	Static water level: .....	4 feet
	Drawdown: .....	7 feet
	Yield: .....	105 gpm

N-5085. (E-7) Mr. Jack Straus, Cove Road and Cove Neck Road, Oyster Bay. Drilled by Fred Habenicht & Sons, November 23, 1954.

Log:	Thickness (feet)	Depth (feet)
Pit .....	8	8
Sand and stones .....	29	37
Large stones and gravel .....	16	53
Coarse (white) sand .....	44	97
Coarse (yellow) sand and pebbles .....	16	113
Yellow sand and very coarse, very little gravel .....	15	128

Casing: 6 inches.

Screen: 10 feet of 4 inch with bottom at 128 feet.

Pumping test:

October 24, 1954.	Duration: .....	1 day
	Static water level: .....	92 feet
	Drawdown: .....	6 feet
	Yield: .....	35 gpm

N-5099. (D-5) Manhasset-Lakeville Water District, south of Cumberland Avenue and east of Lakeville Road, Lake Success. Drilled by C. W. Lauman & Co., Inc., July 22, 1955.

Log:	Thickness (feet)	Depth (feet)
Loam and clay .....	5	5
Medium fine brown sand .....	20	25
Coarse brown sand, some grits and gravel .....	10	35
Coarse brown sand, some grits and gravel and lumps of clay .....	34	69
Coarse brown sand, grits, gravel, lumps of clay .....	113	182
Layers of fine brown sand, sandy clay and solid clay .....	6	188
Solid multi-colored clay .....	5	193
Fine brown sand .....	4	197
Layers of fine brown sand, sandy clay and solid clay .....	11	208
Fine brown sand .....	31	239
Layers of multi-colored sand, sandy clay and solid clay .....	11	250
Coarse brown sand, grits and gravel .....	9	259
Layers of fine brown sand and sandy clay .....	11	270
Solid brown clay .....	6	276
Layers of fine brown sand and sandy clay .....	16	292
Hard solid multi-colored clay .....	19	311
Solid gray clay, lignite, pyrite .....	36	347
Fine brown sand, some clay .....	5	352
Coarse brown sand, grits, gravel, clay .....	26	378
Fine white sand, grits, clay .....	5	383
Solid white clay .....	5	388
Fine brown sand, some clay .....	11	399
Layers of fine multi-colored sand and clay .....	4	403
Hard multi-colored clay .....	4	407
Hard solid gray clay .....	27	434

Casing: 20 inches.

Screen: 48 feet of 12 inch with bottom at 393 feet.

Pumping test:

April 6, 1955.	Duration: .....	9 hours
	Static water level: .....	148 feet
	Drawdown: .....	39 feet
	Yield: .....	1115 gpm

N-5110T. (D-5) Manhasset-Lakeville Water District, east of Valley Road, Manhasset-Lakeville. Drilled by Layne-New York Co., Inc., December 28, 1954.

Log:	Thickness (feet)	Depth (feet)
Fill .....	15	15
Brown sand, boulders .....	44	59
Gravel, boulders .....	34	93
Fine brown sand .....	31	124
Sandy clay .....	21	145
Clay white .....	8	153
Sandy clay, black .....	11	164
Muddy sand .....	5	169
Clay .....	9	178
Red muddy sand .....	15	193
Clay .....	2	195
Muddy sand .....	10	205
Various color clay .....	33	238
Blue clay .....	10	248
Muddy sand .....	5	253
Sand .....	17	270
White clay .....	2	272
Sand .....	11	283
Muddy sand .....	4	287
Sand, clay .....	22	309
Blue clay .....	97	406

N-5114. (E-7) Joseph S. Stein, southwest of Centre Island Road, Centre Island. Drilled by Mathies Well & Pump Co., Inc., January 28, 1955.

Log:	Thickness (feet)	Depth (feet)
Fill .....	4	4
Top soil .....	1	5
Loam .....	1	6
Coarse sand, gravel and large stones .....	6	12
Brown clay, coarse sand and gravel .....	33	45
Blue gray clay—little sand and grits .....	18	63
Fine gravel—gray clay .....	6	69
Fine to coarse sand and large stones .....	4	73
Brown clay and fine sand .....	2	75
Coarse sand and white clay .....	2	77
Very fine sand .....	13	90
Coarse sand with clay .....	2	92
Fine sand and clay .....	28	120
Coarse sand, grits and clay .....	2	122
Fine sand, gray clay and streaks of red clay .....	12	134
Coarse sand, grits, white and red clay .....	5	139
White clay and streaks of brown clay .....	11	150
Coarse sand and gravel and little brown clay .....	8	158

Casing: 6 inches.

Screen: 5 feet of 4 inch with bottom at 157 feet.

Pumping test:

January 28, 1955.	Duration: .....	2 hours
	Static water level: .....	34 feet
	Yield: .....	37 gpm



N-5115. (E-6) J. Balmfalk, west of Wheatley Road and south of Glen Head Road, Glen Head.  
 Drilled by Mathies Well & Pump Co., Inc., November 15, 1954.

Log:	Thickness (feet)	Depth (feet)
Yellow clay .....	12	12
Brown clay and stones .....	20	22
Heavy gravel .....	22	44
White clay .....	10	54
Coarse sand and slight clay .....	15	69

Casing: 6 inches.

Screen: 6 feet of 4 inch with bottom at 69 feet.

Pumping test:

November 15, 1954. Duration: ..... 2 hours

Yield: ..... 30 gpm

N-5121. (C-5) Long Island Water Corporation, north of Whitehall Street and west of Grand Avenue, Lynbrook. Drilled by C. W. Lauman & Co., Inc., December 22, 1954.

Log:	Thickness (feet)	Depth (feet)
Loam .....	2	2
Medium brown sand, some clay .....	10	12
Medium brown sand, some grits .....	25	37
Fine brown sand, mica, few grits .....	5	42
Medium brown sand, grits .....	5	47
Fine brown sand, mica .....	11	58
Fine brown sand, some grits, layers sandy clay .....	5	63
Coarse brown sand, grits, some clay, layers sandy clay .....	4	67
Fine brown sand, mica .....	5	72
Fine brown sand, gravel, layers solid and sandy clay .....	12	84
Fine brown sand .....	4	88
Fine brown sand, some clay, streaks sandy clay .....	5	93
Fine brown sand, mica .....	5	98
Brown and gray clay, layers fine brown sand .....	2	100
Fine brown sand, some clay .....	14	114
Solid gray clay, streaks gray sandy clay, lignite .....	9	123
Fine gray sand, mica, clay, streaks sandy clay .....	5	128
Fine gray sand, mica, some clay, lignite .....	24	152
Solid gray clay, sandy clay, lignite .....	16	168
Fine gray sand, mica, streaks lignite .....	5	173
Fine gray sand, mica, streaks sandy clay, lignite .....	20	193
Fine gray sand, mica, streaks pyrite .....	10	203
Gray sandy clay, layers lignite .....	5	208
Fine gray sand, mica, streaks solid clay .....	5	213
Fine gray sand, mica, streaks lignite .....	4	217
Gray sandy clay, mica .....	6	223
Fine gray sand, mica, streaks sandy clay, lignite .....	5	228
Fine gray sand, mica, streaks lignite .....	10	238
Fine gray sand, mica, streaks sandy clay, lignite .....	10	248
Fine gray sand, mica, some clay, streaks lignite and pyrite .....	41	289
Very fine gray sand, mica, some clay, streaks lignite .....	4	293
Fine gray sand, mica, some clay, streaks lignite .....	25	318
Medium gray sand, mica .....	30	348
Fine gray sand, mica .....	12	360
Fine gray sand, mica, layers solid gray clay .....	4	364
Medium gray sand, mica .....	5	369
Gray sandy clay .....	5	374

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## N-5121. (Continued)

	Thickness (feet)	Depth (feet)
Fine gray sand, mica .....	5	379
Medium gray sand, mica, streaks solid clay .....	6	385
Fine gray sand, mica, streaks sandy clay, lignite .....	10	395
Fine gray sand, mica, some clay, few grits .....	5	400
Fine gray sand, mica, layers sandy clay, lignite .....	6	406
Medium gray sand, some clay, streaks lignite .....	5	411
Gray sandy clay, streaks fine gray sand and solid clay .....	5	416
Solid gray sand .....	2	418
Fine gray sand, mica, some clay, streaks lignite .....	28	446
Fine gray sand, some clay .....	16	462
Medium gray sand, some clay, lignite .....	6	468
Gray sandy clay, layers fine gray sand .....	9	477
Fine gray sand, mica, streaks solid clay, pyrite .....	3	480
Medium gray sand, mica .....	13	493
Medium gray sand, streaks sandy clay .....	5	498
Medium coarse gray sand, streaks lignite .....	4	502
Fine gray sand, streaks lignite .....	7	509
Medium fine gray sand, some clay .....	9	518
Coarse gray sand, gray clay .....	11	529
Grits and gravel .....	7	536
Layers solid gray clay, fine gray sand, gravel fine gray sand .....	5	541
Solid gray clay, gravel .....	3	544

Casing: 18 inches.

Screen: 61 feet of 12 inch with bottom at 542 feet.

Pumping test:

December 22, 1954. Duration: ..... 2 hours  
 Static water level: ..... 14 feet  
 Drawdown: ..... 45 feet  
 Yield: ..... 1470 gpm

N-5122. (B-5) Murry Feldman, west of Barret Avenue and south of Hollywood Crossing, Lawrence. Drilled by Eastern Well & Pump Co., November 25, 1954.

Log:	Thickness (feet)	Depth (feet)
Fill, dirty sand, clay .....	6	6
Dirty sand, grits .....	4	10
Cleaner sand, layer heavy stones .....	8	18
Large stones, light brown sand .....	16	34
Hard gray clay .....		below 34

Casing: 4 inches.

Screen: 6 feet of 4 inch with bottom at 34 feet.

Pumping test:

November 25, 1954. Duration: ..... 2 hours  
 Static water level: ..... 3 feet  
 Drawdown: ..... 4 feet  
 Yield: ..... 40 gpm

N-5124. (C-6) Rudolph Smutny, north of Eleventh Street and west of Cherry Valley Avenue, Garden City. Drilled by Eastern Well & Pump Co., December 2, 1954.

Log:	Thickness (feet)	Depth (feet)
Pit .....	5	5
Brown coarse sand and grit .....	10	15
Light brown sand, grit and gravel .....	5	20

N-5124. (Continued)	Thickness (feet)	Depth (feet)
Fairly dark brown sand, grit and gravel .....	11	31
Very coarse sand, lot of grit and gravel .....	12	43
Fine to medium brown sand .....	6	49
Casing: 6 inches.		
Screen: 5 feet of 4 inch with bottom at 49 feet.		
Pumping test:		
December 2, 1954. Duration: .....		2 hours
Static water level: .....		31 feet
Drawdown: .....		7 feet
Yield: .....		45 gpm

N-5126. (D-7) Food Fair Stores, Inc., south of Woodbury Road and east of South Oyster Bay Road, Plainview. Drilled by C. W. Lauman & Co., Inc., February 9, 1955.

Log:	Thickness (feet)	Depth (feet)
Coarse brown sand, heavy gravel .....	75	75
Coarse brown sand, small amount gravel .....	5	80
Fine brown sand, small amount coarse sand .....	3	83
Fine white sand .....	9	92
Fine white sand with laminated clay .....	24	116
Fine sand to black and gray clay, pyrite .....	12	128
Fine gray sand .....	10	138
Fine hard packed brown sand .....	6	144
Medium coarse brown sand, very small amount clay .....	2	146
Hardpan and clay .....	1	147
Fine clear brown sand .....	4	151
Very fine red-brown sand, soupy, lumps red clay .....	21	172
Fine brown sand, some hardpan and clay .....	3	175
Fine brown sand .....	11	186
Layer fine brown sand and brown clay .....	1	187
Solid gray clay .....	13	200
Casing: 8 inches.		
Screen: 11½ feet of 8 inch with bottom at 186 feet.		
Pumping test:		
May 5, 1955. Duration: .....		8 hours
Static water level: .....		90 feet
Drawdown: .....		18 feet
Yield: .....		120 gpm

Note: Temperature 50° Fahrenheit.

N-5129. (B-7) Long Island State Park Commission, northwest between N-128 and N-129, Jones Beach. Drilled by Layne-New York Co., Inc., June 26, 1956.

Log:	Thickness (feet)	Depth (feet)
Filled ground, beach sand .....	20	20
Soft blue clay, sand and shells .....	79	99
Sand, streaks of clay, some gravel .....	129	228
Sandy clay, hard streaks of sand and gravel .....	54	282
Clay .....	10	292
Sand and gravel, clay and lignite .....	43	335
Tough clay .....	10	345
Sand and clay, some gravel .....	40	385

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N-5129. (Continued)

	Thickness (feet)	Depth (feet)
Sand, clay, hard clay streaks .....	22	407
Sand and gravel .....	14	421
Sand, some clay .....	29	450
Tough clay .....	9	459
Sandy clay, streaks of sand .....	14	473
Tough clay .....	29	502
Medium coarse sand, sandy clay .....	59	561
Tough clay .....	9	570
Sand, clay and streaks of sand .....	42	612
Hard sandy clay, iron pyrites and lignite .....	51	663
Hard clay and iron pyrites .....	44	707
Coarse sand and gravel, streaks of clay .....	14	721
Sandy clay, iron pyrites, streaks of sand .....	39	760
Fine to coarse sand, clay streaks .....	50	810
Coarse sand, clay streaks and lignite .....	61	871
Blue sandy clay, hard streaks of clay, mica .....	12	883
Coarse sand, streaks of white clay .....	10	893
Coarse sand and gravel .....	10	903
Sandy white clay .....	4	907
Coarse sand and gravel, thin clay streaks .....	32	939
White clay .....	3	942
Coarse sand, coarse gravel, clay streaks .....	18	960
Sandy to hard clay .....	31	991
Coarse gravel .....	8	999
Tough black clay .....	28	1027
White sandy clay .....	31	1058
Tough black clay .....	16	1074
Black clay, streaks of sandy clay, lignite .....	29	1103

Casing: 18 and 12 inches.

Screen: 70 feet of 12 inch with bottom at 965 feet.

Pumping test:

June 26, 1956. Duration: ..... 8 hours  
 Static water level: ..... 2 feet  
 Drawdown: ..... 32 feet  
 Yield: ..... 1200 gpm

N-5130. (B-5) Maurice Kohn, northeast of Hawthorne and Auerbach Lanes, Lawrence.  
 Drilled by Eastern Well & Pump Co., November 26, 1954.

Log:	Thickness (feet)	Depth (feet)
Top soil .....	3	3
Light brown fine sand .....	3	6
Light brown sand, some clay, stones, grit gravel .....	9	15
Light brown sand, grit, gravel .....	17	32
Clean coarse sand, grit, gravel, stones .....	7	39
Red-brown clay .....		below 39

Casing: 4 inches.

Screen: 5 $\frac{2}{3}$  feet of 4 inch with bottom at 38 feet.

Pumping test:

November 26, 1954. Duration: ..... 2 hours  
 Static water level: ..... 8 feet  
 Drawdown: ..... 21 $\frac{1}{2}$  feet  
 Yield: ..... 40 gpm

N-5131. (B-5) Abraham Frankel, northwest of Auerbach Lane and Jorgen Street, Lawrence.  
 Drilled by Eastern Well & Pump Co., November 30, 1954.

Log:	Thickness (feet)	Depth (feet)
Sandy fill .....	5	5
Dark brown sand, grit, gravel, some clay .....	4	9
Heavy red gravel, fine sand .....	4	13
Heavy grit, gravel, not much sand .....	2	15
Light brown sharp sand .....	1	16
Light brown sand, grit, gravel .....	4	20
Light brown clean sharp sand .....	13	33
Dark brown sand, grit, gravel .....	4	37

Casing: 4 inches.

Screen: 5 $\frac{2}{3}$  feet of 4 inch with bottom at 38 feet.

Pumping test:

November 30, 1954.	Duration: .....	2 hours
	Static water level: .....	8 feet
	Drawdown: .....	7 feet
	Yield: .....	45 gpm

N-5134. (B-5) Valley Stream Municipal Building, north of Hawthorne Avenue and east of South Corona Avenue, Valley Stream. Drilled by C. W. Lauman & Co., Inc., March 18, 1955.

Log:	Thickness (feet)	Depth (feet)
Fill .....	8	8
Medium coarse brown sand .....	3	11
Fine brown sand .....	30	41
Medium fine brown sand, small grits .....	4	45
Medium coarse brown sand, small gravel .....	3	48
Medium fine brown sand .....	2	50

Casing: 4 inches.

Screen: 7 feet of 4 inch, with bottom at 48 feet.

Pumping test:

January 6, 1955.	Duration: .....	3 hours
	Static water level: .....	8 feet
	Drawdown: .....	12 feet
	Yield: .....	60 gpm

N-5135. (D-5) F. Gruenstein, south of Beverly Road and west of Nassau Road, Great Neck.  
 Drilled by C. W. Lauman & Co., Inc., May 11, 1955.

Log:	Thickness (feet)	Depth (feet)
Sandy clay, some stones .....	5	5
Coarse brown sand, gravel, some stones .....	13	18
Coarse gray sand, some clay and stones .....	16	34
Solid gray clay .....	23	57
Solid brown clay .....	1	58
Hard, sandy clay .....	14	72
Medium coarse brown sand, grits, gravel .....	28	100
Solid brown clay .....	22	122
Hard brown sandy clay .....	21	143
Fine brown sand, gravel, some clay .....	3	146
Medium brown sand, some grits and small amount clay .....	3	149

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N-5135. (Continued)	Thickness (feet)	Depth (feet)
Fine brown sand, some stones and clay .....	4	153
Fine light brown sandy clay .....	4	157
Medium coarse brown sand, some grits and gravel .....	8	165
Casing: 6 inches.		
Screen: 7 $\frac{1}{3}$ feet of 6 inch with bottom at 158 feet.		
Pumping test:		
May 3, 1955. Duration: .....	8	hours
Static water level: .....	113	feet
Drawdown: .....	21	feet
Yield: .....	50	gpm

N-5141T. (B-6) Sea and Surf Developers, north of Sea Spray Drive and east of Howard Way, Pt. Lookout. Drilled by Eastern Well & Pump Co., December 30, 1954.

Log:	Thickness (feet)	Depth (feet)
Fine boggy sand .....	17	17
Fine mucky sand and shells .....	5	22
Fine sharp sand .....	13	35
Casing: 6 inches.		
Screen: 5 feet of 2 inch with bottom at 35 feet.		
Pumping test:		
November 30, 1954. Duration: .....	10	hours
Static water level: .....	5	feet
Drawdown: .....	19	feet
Yield: .....	60	gpm

N-5143. (C-6) Garden City Medical Building, north of Sixth Street and west of Franklin Avenue, Garden City. Drilled by Eastern Well & Pump Co., January 7, 1955.

Log:	Thickness (feet)	Depth (feet)
Basement .....	8	8
Light brown medium to coarse sand, lots of grits and few gravel .....	15	23
Dark brown medium to coarse sand, grits and small gravel .....	5	28
Brown medium to coarse sand, grits and gravel .....	2	30
Light brown coarse sand, mostly grits and gravel .....	2	32
Coarse brown sand, lots of grits and gravel .....	12	44
Medium to coarse brown sand, lots of grits and gravel .....	37	81
Layer of hardpan, lumps of clay .....	1	82
Casing: 6 inches.		
Screen: 10 feet of 6 inch with bottom at 72 feet.		
Pumping test:		
January 7, 1955. Duration: .....	2	hours
Static water level: .....	21	feet
Drawdown: .....	5 $\frac{1}{2}$	feet
Yield: .....	75	gpm

N-5144. (D-5) Lakeville Professional Bldg., Inc., south of Union Turnpike and west of Lakeville Road, New Hyde Park. Drilled by Eastern Well & Pump Co., January 6, 1955.

Log:	Thickness (feet)	Depth (feet)
Fill .....	8	8
Coarse brown sand, grits and gravel and stones .....	14	22
Medium to fine light brown sand, grits and gravel .....	3	25
Coarse light brown sand, grits, gravel and stones .....	38	63
Medium to coarse brown sand, lots of grits and gravel .....	32	95
Fine to medium brown sand, few grits, lots of mica .....	1	96

Casing: 6 inches.

Screen: 5 feet of 6 inch with bottom at 95 feet.

Pumping test:

January 5, 1955.	Duration: .....	2	hours
	Static water level: .....	70	feet
	Drawdown: .....	4½	feet
	Yield: .....	50	gpm

N-5145. (C-5) Long Island Water Corporation, south of Copiague Street and west of Arlington Avenue, Valley Stream. Drilled by C. W. Lauman & Co., Inc., April 22, 1955.

Log:	Thickness (feet)	Depth (feet)
Top soil .....	3	3
Medium brown sand, grits .....	50	53
Fine brown sand, grits and gravel .....	9	62
Medium brown sand, grits, streaks fine brown sand, clay .....	10	72
Coarse brown sand, grits and clay .....	10	82
Fine brown sand, mica, clay .....	5	87
Fine gray sand, mica, streaks solid clay lignite .....	19	106
Solid gray clay, streaks sandy clay, pyrite .....	13	119
Fine gray sand, streaks solid clay .....	4	123
Fine gray sand, mica .....	20	143
Fine gray sand, mica, layers lignite and solid clay .....	10	153
Fine gray sand, mica, streaks lignite and solid clay .....	23	176
Gray sandy clay, streaks solid clay, lignite, pyrite .....	5	181
Fine gray sand, mica, clay, lignite .....	5	186
Gray sandy clay, lignite .....	6	192
Fine gray sand, streaks sandy clay, lignite .....	15	207
Layers fine gray sand, gray sandy clay, solid clay .....	11	218
Solid gray clay .....	8	226
Layers fine gray sand, gray sandy clay, solid clay, lignite .....	6	232
Fine gray sand, streaks solid clay .....	13	245
Gray sandy clay, lignite .....	23	268
Fine gray sand, mica, streaks sandy clay, lignite, pyrite .....	4	272
Fine gray sand, mica, streaks sandy clay .....	10	282
Medium gray sand, mica, streaks solid clay .....	10	292
Gray sandy clay, streaks solid clay, lignite and pyrite .....	20	312
Very fine gray sand, some clay, mica, streaks sandy clay .....	11	323
Fine gray sand, mica, some clay .....	9	332
Solid gray clay, streaks gray sand .....	11	343
Fine gray sand .....	22	365
Very fine gray sand, some clay, mica .....	9	374
Solid gray clay, streaks gray sand .....	8	382
Solid gray clay .....	3	385
Fine gray sand, some clay, layers sandy clay, lignite .....	20	405
Fine gray sand, mica, some clay .....	30	435

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## N-5145. (Continued)

	Thickness (feet)	Depth (feet)
Medium fine gray sand .....	10	445
Fine gray sand, mica .....	4	449
Coarse gray sand .....	6	455
Medium gray sand .....	7	462
Layers solid and sandy gray clay .....	5	467
Layers solid gray clay and fine sand .....	12	479
Layers solid gray clay and fine gray sandy clay .....	25	504

Casing: 18 inches.

Screen: 55 feet of 12 inch with bottom at 460 feet.

Static water level: ..... 10 feet

Yield: .....1400 gpm

N-5147. (C-8) South Farmingdale Water District, south of Southern State Parkway and west of Carman Avenue, South Farmingdale. Drilled by C. W. Lauman & Co., Inc., October 20, 1956.

Log:	Thickness (feet)	Depth (feet)
Fill .....	3	3
Top soil and loam .....	2	5
Coarse brown sand and gravel .....	62	67
Fine to coarse brown sand, grits, gravel .....	5	72
Sandy clay and layers of solid gray clay .....	15	87
Fine gray sand, some clay and shells .....	5	92
Fine gray sand, some clay, lignite and mica .....	16	108
Fine gray sand, mica, lignite and gravel .....	4	112
Fine gray sand, mica and lignite .....	20	132
Fine to medium coarse sand, mica and lignite .....	5	137
The same as above, plus some clay .....	10	147
Fine gray sand, mica, lignite, some clay .....	15	162
Fine gray sand, mica, lignite .....	14	176
Fine gray sand, streaks of clay, mica, lignite .....	10	186
Fine gray sand, some clay, mica, lignite .....	33	219
Fine gray sand, streaks of sandstone, mica and lignite .....	5	224
Fine gray sand, sandstone, mica and lignite .....		below 224

Casing: 16 inches.

Screen: 54 $\frac{2}{3}$  feet of 12 inch with bottom at 219 feet.

Pumping test:

March 21, 1955. Duration: ..... 6 hours

Static water level: ..... 11 feet

Drawdown: ..... 32 feet

Yield: .....1200 gpm

N-5148. (C-8) South Farmingdale Water District, northwest of Boundary Avenue and Langdon Road, South Farmingdale. Drilled by C. W. Lauman & Co., Inc., June 16, 1955.

Log:	Thickness (feet)	Depth (feet)
Coarse brown sand, gravel .....	75	75
Coarse brown sand, gravel, lumps gray clay .....	6	81
Fine brown sand, mica, streaks gray clay .....	8	89
Fine brown sand, mica, layers sandy clay .....	9	98
Fine brown sand, mica, some clay .....	18	116
Fine brown sand, mica, streaks solid clay .....	12	128
Solid brown and gray clay .....	5	133
Fine brown sand, mica, streaks hardpan .....	3	136



N-5148. (Continued)

	Thickness (feet)	Depth (feet)
Fine multi-color sand, mica, some clay .....	10	146
Solid gray clay, streaks lignite, sandy clay .....	12	158
Fine brown sand, mica, some clay .....	13	171
Fine brown sand, mica, some clay, streaks sandy clay, hardpan .....	36	207
Gray sandy clay .....	10	217
Gray sandy clay, streaks fine gray sand, lignite .....	4	221
Gray sandy clay .....	16	237
Fine gray sand, mica, some clay, streaks sandy clay .....	15	252
Layers fine gray sand, lignite, sandy clay .....	5	257
Gray sandy clay, lignite .....	4	261
Fine gray sand, streaks sandy clay, lignite .....	19	280
Solid gray clay .....	12	292
Fine gray sand, mica, streaks lignite .....	31	323
Fine gray sand, mica, streaks solid clay .....	14	337
Solid gray clay, streaks sandy clay .....	11	348
Fine gray sand, mica .....	5	353
Fine gray sand, mica, streaks solid clay, lignite, pyrite .....	10	363
Fine gray sand, mica .....	10	373
Fine gray sand, mica, streaks solid clay .....	3	376
Solid gray clay .....	7	383
Very fine gray sand, mica, some clay, streaks lignite and solid clay .....	15	398
Fine gray sand, mica .....	16	414
Fine gray sand, mica, streaks sandy clay and lignite .....	12	426
Fine gray sand, mica .....	7	433
Gray sandy clay, streaks lignite .....	4	437
Fine gray sand, mica, streaks sandy clay and lignite .....	5	442
Gray sandy clay, streaks lignite .....	6	448
Fine gray sand, mica, streaks sandy clay and lignite .....	5	453
Gray sandy clay, streaks lignite .....	29	482
Solid gray clay .....	6	488
Gray sandy clay, streaks solid clay and lignite .....	14	502

Casing: 16 inches.

Screen: 34 feet of 12 inch with bottom at 331 feet.

Pumping test:

February 19, 1955. - Duration: ..... 9 hours  
 Static water level: ..... 16½ feet  
 Drawdown: ..... 38 feet  
 Yield: ..... 1300 gpm

N-5149. (D-7) Long Island Lighting Co., north of Old Country Road and east of Long Island Railroad, Hicksville. Drilled by C. W. Lauman & Co., Inc., February 10, 1955.

Log:	Thickness (feet)	Depth (feet)
Basement .....	14	14
Coarse brown sand, grits, gravel, stones, small boulders .....	3	17
Coarse brown sand, grits, gravel .....	14	31
Medium coarse brown sand, some grits, gravel .....	48	79
Medium coarse brown sand, some grits, gravel lumps of clay of clay .....	15	94
Coarse brown sand, grits, gravel, hardpan, some white clay .....	7	101
Sand and yellow clay .....	8	109
Fine brown sand, mica .....	6	115
	11	126

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N-5149. (Continued)

	Thickness (feet)	Depth (feet)
Medium coarse brown sand, some hardpan, lumps of white clay, mica .....	4	131
Coarse brown sand, hardpan .....	8	139
Coarse yellow sand, hardpan .....	5	144
Medium coarse brown sand, hardpan .....	2	146
Fine brown sand, layers of brownish clay, hardpan .....	45	191
Casing: 12 inches.		
Screen: 54 feet of 8 inch with bottom at 189 feet.		
Pumping test:		
April 9, 1955. Duration .....	4	hours
Static water level: .....	51½	feet
Drawdown: .....	33	feet
Yield: .....	527	gpm

N-5152. (E-6) Locust Valley Water District, south of Bayville Avenue and west of Bayville Road, Locust Valley. Drilled by Layne-New York Co., Inc., August 10, 1956.

Log:	Thickness (feet)	Depth (feet)
Clay and gravel .....	8	8
Hard sand .....	57	65
Brown sand and clay .....	75	140
Clay .....	2	142
Yellow sand .....	20	162
Clay .....	22	184
Gravel .....	4	188
Gray clay .....	58	246
Sandy clay .....	52	298
Sand and gravel .....	69	367
Casing: 18 inches.		
Screen: 50 feet of 12 inch with bottom at 355 feet.		
Pumping test:		
August 10, 1956. Duration: .....	8	hours
Static water level: .....	18	feet
Drawdown: .....	98	feet
Yield: .....	1100	gpm

N-5155. (C-5) Jamaica Water Supply Co., south of Madison Street and west of Cross Street, Elmont. Drilled by Layne-New York Co., Inc., March 2, 1955.

Log:	Thickness (feet)	Depth (feet)
Gray sand and gravel .....	30	30
Fine brown sand .....	4	34
Sand and gravel .....	46	80
Sandy clay .....	2	82
Sand and gravel .....	8	90
Muddy red sand, gravel .....		below 90
Casing: 24 and 18 inches.		
Screen: 20 feet of 18 inch with bottom at 90 feet.		
Pumping test:		
March 2, 1955. Duration: .....	8	hours
Static water level: .....	32	feet
Drawdown: .....	36	feet
Yield: .....	1200	gpm

N-5156. (C-5) Jamaica Water Supply Co., south of Madison Street and west of Cross Street, Elmont. Drilled by Layne-New York Co., Inc., April 25, 1955.

Log:	Thickness (feet)	Depth (feet)
Sand, gravel .....	30	30
Fine brown sand .....	4	34
Sand and gravel .....	46	80
Brown sand .....	2	82
Sand, gravel .....	8	90
Red sand, gravel .....	6	96
Red-brown clay .....	14	110
Coarse sand .....	4	114
Streaks sand, clay .....	3	117
Coarse sand .....	14	131
Sand, clay, iron oxide .....	23	154
Fine muddy sand .....	27	181
Various colored clay .....	5	186
Sand, clay, iron oxide .....	24	210
White sand .....	9	219
Blue-black clay .....	17	236
Streaks sand, clay .....	10	246
Clay, pyrites, lignites .....	24	270
White sand, gravel .....	12	282
Clay .....	5	287
Sand, gravel, some clay .....	4	291
Sand and gravel .....	40	331
Sandy clay .....	5	336

Casing: 18 and 12 inches.

Screen: 40 feet of 12 inch with bottom at 331 feet.

Pumping test:

February 15, 1955. Duration: ..... 8 hours  
 Static water level: ..... 35 feet  
 Drawdown: ..... 30 feet  
 Yield: ..... 1400 gpm

N-5158. (C-8) Hills Super Market, south of Park Avenue and west of Seamans Neck Road, Seaford. Drilled by C. W. Lauman & Co., Inc., April 6, 1955.

Log:	Thickness (feet)	Depth (feet)
Fill, top soil .....	5	5
Coarse brown sand, grits, gravel .....	46	51

Casing: 6 inches.

Screen: 11½ feet of 4 inch with bottom at 50 feet.

Pumping test:

April 6, 1955. Duration: ..... 6 hours  
 Static water level: ..... 15 feet  
 Drawdown: ..... 6 feet  
 Yield: ..... 45 gpm

N-5163. (C-6) Village of Garden City, south of Old Country Road and east of Rockaway Avenue, Garden City. Drilled by Layne-New York Co., Inc., August 8, 1955.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel .....	67	67
Clay .....	9	76

(Continued on next page)

N-5163. (Continued)

	Thickness (feet)	Depth (feet)
Brown sand, gravel .....	9	85
Clay, sand, gravel .....	6	91
Clay, multi-colored .....	34	125
Brown sandy clay .....	7	132
Brown sand, gravel .....	23	155
Sand, gravel, clay .....	12	167
Black sandy clay .....	8	175
Brown clay .....	4	179
Sand, clay .....	4	183
Brown clay .....	3	186
Sand, gravel, clay .....	9	195
Clay, iron oxide .....	10	205
Fine white muddy sand .....	21	226
Sandy clay .....	8	234
Fine muddy sand .....	36	270
Clay, sand, iron oxide .....	10	280
Sand .....	13	293
White, brown clay .....	8	301
Black clay, pyrites, lignite .....	14	315
Coarse white sand .....	9	324
White sandy clay .....	9	333
Coarse sand .....	14	347
Clay and sand streaks .....	18	365
Gravel .....	9	374
Black clay .....	2	376
White muddy sand .....	14	390
White clay .....	10	400
Sand, clay, iron oxide .....	18	418
Clay, gravel .....	4	422
Sand, gravel .....	44	466
Sandy clay .....	4	470
Sand, gravel .....	12	482

Casing: 18 and 12 inches.

Screen: 50 feet of 12 inch with bottom at 475 feet.

Pumping test:

April 11, 1955. Duration: ..... 8 hours  
 Static water level: ..... 28 feet  
 Drawdown: ..... 67 feet  
 Yield: ..... 1370 gpm

N-5167. (C-5) Temple Gates of Zion and Valley Stream Jewish Center, south of Hendrickson Avenue and west of North Corona Avenue, Valley Stream. Drilled by Eastern Well & Pump Co., January 26, 1955.

Log:	Thickness (feet)	Depth (feet)
Basement .....	6	6
Coarse to medium brown sand .....	22	28
Fine to medium yellow sand, few grits .....	12	40
Yellow sand, trace clay .....	1	41

Casing: 6 inches.

Screen: 5 feet of 6 inch with bottom at 41 feet.

Pumping test:

January 26, 1955. Duration: ..... 2 hours  
 Static water level: ..... 9 feet  
 Drawdown: ..... 12 feet  
 Yield: ..... 72½ gpm

N-5171. (B-5) Klein, northeast of Broadway and White Drive, Cedarhurst. Drilled by Mathies Well & Pump Co., Inc., June 3, 1955.

Log:	Thickness (feet)	Depth (feet)
Coarse sand and brown clay .....	45	45
Casing: 4 inches.		
Screen: 6 feet of 3¾ inch with bottom at 45 feet.		
Pumping test:		
January 27, 1955. Duration: .....		2 hours
Static water level: .....		10 feet
Drawdown: .....		2 feet
Yield: .....		50 gpm

N-5187. (C-7) Long Island Water Corporation, south of Washington Avenue and east of Lee Street, Roosevelt. Drilled by C. W. Lauman & Co., Inc., May 26, 1955.

Log:	Thickness (feet)	Depth (feet)
Loam .....	4	4
Coarse brown sand, gravel, grits .....	49	53
Medium gray sand, layers solid clay .....	3	56
Solid gray clay .....	7	63
Fine brown sand, layers gravel, streaks of brown and gray clay .....	11	74
Fine gray sand, clay, some gravel .....	5	79
Fine gray sand, mica, some clay .....	46	125
Fine gray sandy clay .....	5	130
Fine gray sand, mica, some clay .....	44	174
Fine gray sandy clay, streaks lignite .....	31	205
Fine gray sand, some clay, mica, streaks lignite .....	4	209
Layers fine gray sandy clay, solid clay, lignite .....	21	230
Fine gray sand, some clay, mica .....	10	240
Fine gray sandy clay .....	47	287
Fine gray sand, some clay, mica .....	30	317
Fine gray sand, some clay, streaks lignite .....	39	356
Solid gray clay .....	10	366
Very fine gray sand, some clay and mica .....	11	377
Fine gray sand, some clay .....	31	408
Fine gray sandy clay .....	5	413
Solid gray clay .....	5	418
Fine gray sand, some clay, mica .....	24	442
Medium coarse gray sand, some clay .....	55	497
Fine gray sandy clay .....	10	507
Layers of fine gray sand and sandy clay .....	11	518
Fine gray sand and some clay .....	14	532
Solid gray clay .....	26	558
Medium coarse gray sand .....	5	563
Fine gray sandy clay .....	19	582
Fine gray sand, some clay, streaks of sandy clay .....	32	614

Casing: 18 inches.

Screen: 50 feet of 12 inch with bottom at 494½ feet.

Pumping test:		
March 21, 1955. Duration: .....	9	hours
Static water level: .....	12	feet
Drawdown: .....	34½	feet
Yield: .....	1500	gpm

N-5188. (E-7) C. V. Brokaw, south of Harbor Drive and west of Centre Island Road, Centre Island. Drilled by Mathies Well & Pump Co., Inc., June 28, 1955.

Log:	Thickness (feet)	Depth (feet)
Hardpan and gravel .....	30	30
Hardpan and brown clay .....	10	40
Hardpan and gravel .....	36	76
Boulders .....	8	84
Red sandy clay .....	46	130
Brown sand and small gravel .....	17	147
Red and gray clay .....	6	153
Red clay and fine brown sand .....	47	200
Red clay and small gravel .....	20	220
Gray clay .....	10	230
Red clay and brown sand .....	10	240
Hard red and gray clay .....	2	242
Gray clay and small gravel .....	28	270
Dark gray clay .....	10	280
Red and gray clay .....	40	320
Red and blue clay .....	10	330
Blue clay .....	30	360
Fine sand and small gravel .....	15	375

Casing: 6 inches.

Screen: 10 feet of 6 inch with bottom at 372 feet.

Pumping test:

May 10, 1955.	Duration: .....	4 hours
	Static water level: .....	20 feet
	Drawdown: .....	15 feet
	Yield: .....	45 gpm

N-5193. (B-5) Village of Rockville Centre, south of Maple Avenue and west of Forest Avenue, Rockville Centre. Drilled by Layne-New York Co., Inc., June 13, 1956.

Log:	Thickness (feet)	Depth (feet)
Brown sand .....	38	38
Gray clay .....	2	40
Sand and gravel .....	55	95
Gray clay .....	9	104
Sand and clay streaks .....	14	118
Hard sand and clay .....	26	144
Sand, hard streaks and wood .....	135	279
Hard clay .....	26	305
Sand .....	33	338
Sandy clay .....	5	343
Hard clay .....	24	367
Hard sand, clay, wood .....	83	450
Soft clay .....	15	465
Sand .....	16	481
Sand and fine gravel .....	35	516
Clay .....	1	517
Coarse sand and fine gravel .....	38	555
Clay .....	5	560

Casing: 18 and 12 inches.

Screen: 60 feet of 12 inch with bottom at 550 feet.

Pumping test:

June 13, 1956.	Duration: .....	8 hours
	Static water level: .....	18 feet
	Drawdown: .....	34 feet
	Yield: .....	1200 gpm

N-5194. (B-6) Village of Rockville Centre, south of Sunrise Highway, Rockville Centre.  
 Drilled by Layne-New York Co., Inc., May 17, 1956.

Log:	Thickness (feet)	Depth (feet)
Fill .....	8	8
Brown sand and gravel .....	47	55
Sandy clay .....	18	73
Sand and wood .....	42	115
Sand and gravel .....	16	131
Sandy clay .....	64	195
Muddy sand .....	47	242
Hard clay .....	56	298
White sand .....	39	337
Hard clay .....	18	355
Sand and clay streaks .....	12	367
Hard clay .....	22	389
Soft sand and clay .....	4	393
Hard clay .....	19	412
Coarse sand .....	106	518
Sandy clay .....	29	547
Casing: 18 and 12 inches.		
Screen: 60 feet of 12 inch with bottom at 515 feet.		
Pumping test:		
May 17, 1956. Duration: .....	8	hours
Static water level: .....	10	feet
Drawdown: .....	25	feet
Yield: .....	1320	gpm

N-5196. (C-6) 320 Fulton Corporation, south of Fulton Avenue and west of Cooper Street,  
 Hempstead. Drilled by Mathies Well & Pump Co., Inc., March 28, 1955.

Log:	Thickness (feet)	Depth (feet)
Coarse sand and gravel .....	40	40
Fine sand and gravel .....	15	55
Casing: 10 inches.		
Screen: 16 feet of 10 inch with bottom at 46 feet.		
Pumping test:		
March 25, 1955. Duration: .....	1	hour
Static water level: .....	9½	feet
Drawdown: .....	14½	feet
Yield: .....	300	gpm

N-5197. (C-6) Harry Katz Floor Covering, Inc., north of Jericho Turnpike and west of  
 Latham Road, Mineola. Drilled by Eastern Well & Pump Co.

Log:	Thickness (feet)	Depth (feet)
Basement .....	10	10
Coarse sand, stone and gravel .....	41	51
Fine to medium sand .....	9	60
Yellow sand, grits and gravel .....	10	70
Casing: 6 inches.		
Screen: 10 feet of 6 inch with bottom at 70 feet.		
Pumping test:		
March 15, 1955. Duration: .....	3	hours
Static water level: .....	21½	feet
Drawdown: .....	5	feet
Yield: .....	100	gpm

N-5201. (D-6) Jericho Water District, north of Central Boulevard (Motts Cove Road), Glen Head. Drilled by Layne-New York Co., Inc., June 12, 1956.

Log:	Thickness (feet)	Depth (feet)
Cement .....	5	5
Sand and gravel .....	10	15
Brown sand .....	69	84
Sand and new clay .....	6	90
Sand and gravel .....	250	340
Clay, hard streaks .....	30	370
Gray clay .....	15	385
Red clay .....	39	424
Sand and gravel .....	28	452
Clay .....	5	457
Sand and gravel .....	73	530
Fine sandy clay .....	7	537
Clay .....	2	539
Sandy clay and gravel .....	2	541

Casing: 18 inches.

Screen: 70 feet of 12 inch with bottom at 504 feet.

Pumping test:

June 12, 1956.	Duration: .....	8 hours
	Static water level: .....	36 feet
	Drawdown: .....	37 feet
	Yield: .....	1000 gpm

N-5208. (D-6) Hills Super Markets, Inc., east of Willis Avenue and north of Netz Place, Albertson. Drilled by C. W. Lauman & Co., Inc., April 14, 1955.

Log:	Thickness (feet)	Depth (feet)
Fill .....	2	2
Coarse brown sand, grits, gravel and larger stones .....	29	31
Coarse brown sand, grits, gravel .....	43	74
Medium coarse brown sand, grits, gravel .....	42	116

Casing: 6 inches.

Screen: 11 feet of 6 inch with bottom at 110 feet.

Pumping test:

March 3, 1955.	Duration: .....	4 hours
	Static water level: .....	80 feet
	Drawdown: .....	14 feet
	Yield: .....	100 gpm

N-5209. (D-5) Port Washington Water District, north of Bar Beach Road and west of Woodlawn Avenue, Port Washington. Drilled by Layne-New York Co., Inc., June 14, 1956.

Log:	Thickness (feet)	Depth (feet)
Hardpan, boulders .....	20	20
Sand, gravel, clay, boulders .....	95	115
Sand, gravel .....	9	124
Brown to black clay .....	18	142
Sand, brown clay .....	8	150
Sand, gravel .....	33	183
Multi-colored clay .....	33	216



N-5209. (Continued)

	Thickness (feet)	Depth (feet)
Fine white sand .....	21	237
Red sand, clay .....	7	244
Sand, gravel, clay .....	16	260
Sand, gravel .....	7	267
Gravel, clay .....	3	270
Sand, gravel .....	5	275
Clay .....	2	277
Coarse sand .....	10	287
Clay .....	1	288
Sand, gravel .....	7	295
Pink clay .....	3	298
Sand, gravel .....	4	302
Pink clay .....	2	304
Fine sand .....	2	306
Sandy clay .....	2	308

Casing: 20 inches.

Screen: 40 feet of 12 inch with bottom at 300 feet.

Pumping test:

June 14, 1956.	Duration: .....	8 hours
	Static water level: .....	173 feet
	Drawdown: .....	35 feet
	Yield: .....	700 gpm

N-5210. (D-5) Port Washington Water District, north of Bar Beach Road and west of Woodlawn Avenue, Port Washington. Drilled by Layne-New York Co., Inc., April 18, 1955.

Log:	Thickness (feet)	Depth (feet)
Fill .....	9	9
Coarse sand, gravel .....	11	20
Clay, various colors .....	5	25
Coarse white sand and clay .....	33	58
Coarse brown sand .....	21	79
Dark muddy sand .....	26	105
Yellow clay, streaks sand and gravel .....	23	128
Blue clay, sand, gravel, old wood .....	15	143
Coarse dark brown sand .....	22	165
Light brown sand .....	31	196
Soft clay, streaks of sand and gravel .....	33	229
Coarse red sand and clay .....	20	249
Coarse light brown sand .....	8	257
White coarse sand and gravel .....	71	328
Clay .....	7	335

Casing: 6 inches.

Screen: 10 feet of 6 inch with bottom at 302 feet.

Static water level: ..... 173 feet

N-5216. (C-8) South Shore Federal Savings & Loan Association, south of Killians Road and west of Forest Avenue, Massapequa. Drilled by Eastern Well & Pump Co., June 6, 1955.

Log:	Thickness (feet)	Depth (feet)
Coarse brown sand, grits and gravel .....	3	3
Fine gray-brown sand .....	2	5
Light brown medium to coarse sand, lots of grits .....	21	26

(Continued on next page)

N-5216. (Continued)

Casing: 4 inches.

Screen: 4 $\frac{2}{3}$  feet of 4 inch with bottom at 26 feet.

Pumping test:

June 6, 1955.	Duration: .....	3	hours
	Static water level: .....	2 $\frac{1}{2}$	feet
	Drawdown: .....	8	feet
	Yield: .....	45	gpm

Note: Water temperature 53.5° Fahrenheit.

N-5227. (B-6) Lido-Point Lookout Water District, north of Lido Boulevard and west of Park Side Drive, Point Lookout. Drilled by Layne-New York Co., Inc., June 18, 1956.

Log:	Thickness (feet)	Depth (feet)
Filled ground .....	6	6
Sand .....	43	49
Sandy clay, coarse sand and shells .....	14	63
Blue clay .....	17	80
Coarse sand, gravel, clay streaks .....	17	97
Sand, wood, clay .....	19	116
Sandy clay and wood .....	13	129
Fine muddy sand and clay streaks .....	56	185
Clay and wood .....	17	202
Clay, streaks of sand .....	6	208
Medium coarse sand .....	38	246
Clay and coarse sand .....	20	266
Tough clay .....	18	284
Coarse sand, fine gravel, clay streaks .....	67	351
Clay streaks, fine muddy sand .....	13	364
Fine muddy sand and clay .....	113	477
Coarse sand, lignite, clay streaks .....	36	513
Sandy clay .....	21	534
Hard clay and sand .....	10	544
Sand, fine gravel and clay .....	41	585
Clay .....	15	600
Sand, fine gravel, clay .....	11	611
Clay .....	6	617
Sand and gravel .....	81	698
Sandy clay, coarse sand .....	15	713
Clay .....	10	723
Coarse sand, clay streaks .....	46	769
Sandy clay and sand .....	32	801
Clay .....	4	805
Coarse sand, fine gravel .....	30	835
Tough, hard red clay .....	7	842
Blue clay .....	9	851
Clay, streaks of sand and gravel .....	7	858
Coarse sand and gravel .....	22	880
Coarse sand and gravel, clay streaks .....	29	909
Tough blue clay .....	30	939
Iron pyrites .....	1	940
Tough blue clay, streaks of iron pyrites .....	10	950
Tough blue clay .....	100	1050
Hard red clay .....	26	1076
Clay, streaks of coarse sand and fine gravel .....	23	1099
Coarse sand and gravel .....	45	1144
Coarse sand and gravel, thin clay streaks .....	10	1154
Coarse sand and gravel .....	24	1178

N-5227. (Continued)	Thickness (feet)	Depth (feet)
Clay .....	15	1193
Coarse sand and gravel, some clay streaks .....	63	1256
Clay .....	10	1266
Sand, gravel and clay .....	11	1277
Sandy clay, coarse sand and gravel .....	11	1288
Casing: 12 and 8 inches.		
Screen: 60 feet of 8 inch with bottom at 1260 feet.		
Pumping test:		
June 18, 1956. Duration: .....		8 hours
Static water level: .....		flows
Drawdown: .....		52 feet
Yield: .....		1260 gpm

N-5228. (D-5) Port Washington Water District, north of Brookside Drive and east of Birchdale Lane, Port Washington. Drilled by Layne-New York Co., Inc., April 18, 1955.

Log:	Thickness (feet)	Depth (feet)
Sand and boulders .....	60	60
Sandy blue clay .....	15	75
Sand, gravel and boulders .....	41	116
Sand and gravel .....	77	193
Clay and hard streaks .....	34	227
Sand and hard streaks .....	25	252
Tough clay .....	8	260
Coarse sand and gravel .....	71	331
Clay .....	3	334
Casing: 6 inches.		
Screen: 10 feet of 6 inch with bottom at 334 feet.		
Static water level: .....		130 feet

N-5233. (B-6) Monaco Surf Club (Harry Firester), south of Lido Boulevard and west of Parkside Drive, Point Lookout. Drilled by Mathies Well & Pump Co., Inc., June 1, 1955.

Log:	Thickness (feet)	Depth (feet)
Fine sand .....	7	7
Gray clay (sandy) .....	13	20
Fine gray sand .....	20	40
Fine sandy clay .....	7	47
Sandy clay .....	9	56
Coarse sand and grits .....	4	60
Medium sand and grits .....	1	61
Solid gray clay .....	11	72
Gravel and stones in hard clay .....	7	79
Gravel and stones .....	2	81
Grits in hard clay .....	7	88
Grits and gravel (life) .....	2	90
Sandy gray clay .....	12	102
Fine gray sand .....	18	120
Medium fine gray sand .....	10	130
Medium sand and grits (brown) .....	5	135
Medium sand, grits and stones .....	15	150
Gray sandy clay (hard) .....	30	180

(Continued on next page)

## N-5233. (Continued)

	Thickness (feet)	Depth (feet)
Solid clay .....	10	190
Gray clay .....	10	200
Coarse gray sand .....	6	206
Gray sand with clay .....	4	210
Fine gray sand .....	30	240
Fine gray sand and wood .....	10	250
Fine gray sand .....	15	265
Solid gray clay .....	15	280
Sandy gray clay .....	15	295
Gray sand .....	2	297
Solid clay, tough .....	28	325
Sandy clay .....	16	341
Lignite .....	1	342
Black clay .....	15	357
Sandy clay .....	18	375
Fine sand, little clay (life) .....	9	384
Black clay .....	8	392
Lignite .....	1	393
Black clay .....	17	410
Sandy clay and mica .....	15	425
Fine sandy clay—(hole open) .....	6	431
Fine gray sand .....	14	445
Solid gray clay .....	5	450
Fine gray sand .....	5	455
Very fine sand (gray) .....	6	461
Very fine sand and gray clay (life) .....	35	496
Sandy clay .....	4	500
Fine sand .....	7	507
Gray clay and fine sand .....	4	511
Fine sand .....	22	533
Black clay .....	1	534
Fine sand .....	15	549

Casing: 8 and 6 inches.

Screen: 30 feet of 55/8 inch with bottom at 547½ feet.

## Pumping test:

May 28, 1955.	Duration: .....	4 hours
	Static water level: .....	6 feet
	Drawdown: .....	21 feet
	Yield: .....	210 gpm

N-5244. (D-6) Your Garden, Inc., Jericho Turnpike, Mineola. Drilled by Milton Costello, March 17, 1955.

Log:	Thickness (feet)	Depth (feet)
Top soil .....	3	3
Gravel and stones .....	12	15
Sand and gravel .....	15	30
Fine sand and grits .....	39	69

Casing: 4 inches.

Screen: 6 feet of 4 inch, with bottom at 69 feet.

## Pumping test:

March 16, 1955.	Static water level: .....	37 feet
	Drawdown: .....	7 feet
	Yield: .....	45 gpm

N-5251. (D-5) Milton Wisbard, Cirele Drive, Plandome. Drilled by Fred Habenicht & Sons.

Log:	Thickness (feet)	Depth (feet)
Well pit .....	7	7
Stones, gravel, sand .....	30	37
Coarse sand .....	24	61
Yellow sand, pebbles .....	13	74
Fine yellow sand .....	19	93
Fine yellow sand, coarse sand and pebble mix .....	15	108

Casing: 6 inches.

Screen: 10 feet of 5¾ inch with bottom at 108 feet.

Pumping test:

April 10, 1955.	Duration: .....	1 hour
	Static water level: .....	62 feet
	Drawdown: .....	12 feet
	Yield: .....	48 gpm

N-5255. (C-7) Wantagh Fire District, north of Curtis Place and east of Cornelius Avenue, Wantagh. Drilled by C. W. Lauman & Co., Inc., March 8, 1955.

Log:	Thickness (feet)	Depth (feet)
Sandy clay and loam .....	5	5
Coarse sand, small gravel .....	40	45

Casing: 4 inches.

Screen: 15¼ feet of 3 inch with bottom at 47 feet.

Pumping test:

March 8, 1955.	Duration: .....	3 hours
	Static water level: .....	8 feet
	Yield: .....	329 gpm

N-5259. (C-7) New York Water Supply Corporation, south of Jerusalem Avenue and east of Newbridge Road, North Bellmore. Drilled by C. W. Lauman & Co., Inc., May 5, 1955.

Log:	Thickness (feet)	Depth (feet)
Coarse brown sand and gravel, grits .....	80	80
Fine brown sand and lumps clay .....	14	94
Solid gray clay .....	6	100
Fine brown sand .....	16	116
Multi-colored sandy clay .....	6	122
Fine brown sand .....	5	127
Fine gray sand, some clay and mica .....	10	137
Same as above, with layers solid clay .....	5	142
Gray sandy clay, streaks solid clay .....	12	154
Fine gray sand, some clay and mica .....	9	163
Gray sandy clay, streaks solid clay and lignite .....	11	174
Gray sandy clay, streaks solid clay and fine sand .....	15	189
Solid dark gray clay .....	5	194
Gray sandy clay, streaks solid clay and fine sand .....	4	198
Fine gray sand, some clay and mica .....	20	218
Fine gray sandy clay, streaks clay and lignite .....	11	229
Fine gray sand, mica, streaks lignite .....	5	234
Fine gray sandy clay, streaks lignite .....	5	239
Fine gray sand, some clay .....	5	244

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N-5259. (Continued)

	Thickness (feet)	Depth (feet)
Fine gray sand, mica, streaks lignite .....	39	283
Fine gray sand, some clay, mica .....	5	288
Fine gray sandy clay .....	6	294
Fine gray sand, mica, streaks lignite .....	19	313
Fine gray sandy clay .....	11	324
Fine gray sand, mica, streaks lignite .....	40	364
Fine gray sandy clay, streaks lignite .....	11	375
Fine gray sand, mica .....	14	389
Gray sandy clay, streaks solid clay and lignite .....	26	415
Solid gray clay .....	10	425

Casing: 16 inches.

Screen: 44 feet of 16 inch with bottom at 285 feet.

23 feet of 12 inch with bottom at 312 feet.

Pumping test:

April 26, 1955.	Duration: .....	8	hours
	Static water level: .....	10 $\frac{3}{4}$	feet
	Drawdown: .....	32	feet
	Yield: .....	1400	gpm

N-5260. (C-6) West Hempstead-Hempstead Gardens Water District, north of Garden Street and east of Long Island Railroad, West Hempstead. Drilled by C. W. Lauman & Co., Inc., February 4, 1956.

Log:	Thickness (feet)	Depth (feet)
Loam and clay .....	3	3
Coarse brown sand and gravel .....	32	35
Medium coarse brown sand and gravel .....	13	48
Medium fine brown sand and some grit .....	17	65
Coarse brown sand, grits and gravel .....	17	82
Solid green clay, streaks of brown sandy clay .....	6	88
Solid green clay and shells .....	8	96
Coarse gray sand, grits and gravel .....	4	100
Multi-colored sandy clay .....	2	102
Coarse sand, grits and gravel .....	50	152
Fine to coarse gray sand and grit .....	4	156
Fine gray sand, lignite, mica and pyrite .....	8	164
Coarse gray sand, grit, gravel and pyrite .....	11	175
Coarse gray sand, grit, heavy gravel and pyrite .....	10	185
Coarse gray sand, grit, gravel and lignite .....	4	189
Pyrite, lignite and mica .....	4	193
Coarse gray sand, grits, gravel and lignite .....	1	194
Fine gray sand, mica, sandy clay, clay and lignite .....	10	204
Fine to medium gray sand, mica and lignite .....	10	214
Solid lignite, some sand and pyrite .....	3	217
Medium coarse gray sand, pyrite and some lignite .....	2	219
Fine gray sand, layers of sandy clay and lignite .....	4	223
Fine gray sand, some clay, lignite and mica .....	31	254
Fine gray sand, mica sandy clay and some grits .....	5	259
Fine gray sand, pyrite, lignite and sandy clay .....	26	285
Fine gray sand, mica and lignite .....	10	295
Fine gray sand, sandy clay, mica and lignite .....	4	299
Fine gray sand, some clay, mica, pyrite and lignite .....	3	302
Sandy and solid clay, lignite and pyrite .....	11	313
Fine gray sand, mica and lignite .....	10	323
Gray sandy clay and lignite .....	3	326
Fine gray sand, mica and lignite .....	4	330

N-5260. (Continued)

	Thickness (feet)	Depth (feet)
Sandy and solid clay, some lignite and pyrite .....	3	333
Fine gray sand, pyrite, streaks of sandy clay and lignite ....	1	334
Solid gray clay and pyrite .....	19	353
Fine gray sand, mica, lignite and streaks of clay .....	15	368
Medium coarse gray sand and pyrite .....	7	375
Medium coarse gray sand, streaks of clay, mica and lignite	10	385
Coarse gray sand, mica, lignite and pyrite .....	2	387
Sandy gray clay, some pyrite .....	12	399
Fine gray sand, sandy clay and lignite .....	18	417
Medium to coarse gray sand, grits, pyrite and lignite .....	3	420
Fine to coarse gray sand, some clay, pyrite and lignite .....	5	425
Coarse gray sand, grits, clay, pyrite and lignite .....	8	433
Fine gray sand, mica and lignite .....	7	440
Fine gray sand, mica, lignite, sandy clay and pyrite .....	4	444
Solid and sandy clay, lignite and pyrite .....	1	445
Solid gray clay .....	2	447
Fine gray sand, some clay, mica and lignite .....	6	453
Fine gray sand, clay, lignite and pyrite .....	2	455
Coarse gray sand and some clay .....	9	464
Fine gray sand, some clay, lignite and pyrite .....	2	466
Fine to medium coarse gray sand, mica, some clay lignite and pyrite .....	14	480
Coarse gray sand, grits, some clay and mica .....	6	486
Fine to medium gray sand, lignite, pyrite and some clay ....	5	491
Fine gray sand, mica and lignite .....	3	494
Fine gray sand, sandy clay, lignite and mica, "dirty" formation .....	1	495
Fine gray sand, lignite, pyrite, mica and some clay .....	14	509
Coarse gray sand, grits, layers of sandy clay, pyrite and lignite .....	5	514
Coarse gray sand, grits, gravel, lignite, lumps of solid clay	1	515
Fine gray sand, lignite, mica, lumps of solid clay .....	1	516
Fine gray sand, lignite, pyrite and mica .....	2	518

Casing: 20 and 16 inches.

Screen: 62½ feet of 12 inch with bottom at 514⅔ feet.

Pumping test:

April 29, 1955.	Duration: .....	1 hour
	Static water level: .....	27 feet
	Drawdown: .....	23 feet
	Yield: .....	1230 gpm

N-5261. (E-6) New York Water Service Corporation, south of Seamens Road and east of Timber Road, Glen Cove. Drilled by C. W. Lauman & Co., June 23, 1955.

Log:	Thickness (feet)	Depth (feet)
Loam .....	5	5
Brown sandy clay .....	4	9
Medium brown sand, large stones .....	16	25
Coarse brown sand, gravel .....	55	80
Same as above, with brown clay .....	25	105
Multi-colored sandy clay .....	1	106
Fine brown sand .....	6	112
Solid multi-colored clay, layers fine brown sandy clay .....	6	118
Medium reddish brown sand .....	9	127
Fine brown sand .....	16	143

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N-5261. (Continued)

	Thickness (feet)	Depth (feet)
Fine brown sand, layers solid clay .....	10	153
Fine brown sand .....	10	163
Fine brown sand, layers sandy clay .....	11	174
Layers solid brown clay, medium brown sand, sandy clay .....	5	179
Fine brown sand, streaks sandy and solid clay .....	20	199
Solid brown clay, streaks fine brown sand and sandy clay .....	6	205
Brown sandy clay, streaks solid clay .....	5	210
Solid multi-colored clay, streaks sandy clay and hardpan .....	10	220
Fine brown sand, mica, streaks lignite .....	15	235
Solid multi-colored clay, streaks sandy clay .....	6	241
Light gray sandy clay, streaks solid clay .....	9	250
Solid light gray clay .....	12	262
Light gray sandy clay .....	40	302

Casing: 18 inches.

Screen: 39 feet of 18 inch with bottom at 170 feet.

10 feet of 18 inch with bottom at 195 feet.

10 feet of 18 inch with bottom at 230 feet.

Pumping test:

May 14, 1955. Duration: ..... 9 hours  
 Static water level: ..... 97 feet  
 Drawdown: ..... 46 feet  
 Yield: .....2000 gpm

N-5280. (B-5) Sidney M. Brownstein, 5 Channel Drive, Woodmere. Drilled by Milton Costello, April 25, 1955.

Log:	Thickness (feet)	Depth (feet)
Pit .....	5	5
Sand and gravel .....	2	7
Fine sand .....	16	23
Coarse sand and gravel .....	12	35

Casing: 4 inches.

Static water level: ..... 5 feet

N-5287. (D-6) New Williston Masonic Club, east of Willis Avenue and south of Syracuse Street, Williston Park. Drilled by C. W. Lauman & Co., Inc., April 18, 1955.

Log:	Thickness (feet)	Depth (feet)
Coarse sand and gravel .....	15	15
Sand, gravel, cobbles .....	16	31
Coarse brown sand, gravel .....	21	52
Coarse brown sand, gravel, stones .....	28	80
Coarse brown sand, gravel, stones .....	5	85

Casing: 6 inches.

Screen: 11 feet of 4 inch with bottom at 86 feet.

Pumping test:

April 23, 1955. Duration: ..... 3 hours  
 Static water level: ..... 51 feet  
 Drawdown: ..... 7 feet  
 Yield: ..... 60 gpm



N-5300. (C-7) Mays Department Store, north of Hempstead Turnpike and west of Grassy Lane, Levittown. Drilled by C. W. Lauman & Co., Inc., June 3, 1955.

Log:	Thickness (feet)	Depth (feet)
Fill .....	5	5
Coarse brown sand, grits and gravel .....	80	85
Brown sandy clay .....	20	105
Very fine multi-colored sand, some clay .....	4	109
Fine multi-colored sand, some clay, hardpan .....	4	113
Multi-colored sandy clay .....	15	128
Solid dark gray clay .....	13	141
Solid brown clay .....	4	145
Fine brown sand, some hardpan .....	9	154
Very fine multi-colored sandy clay .....	11	165
Fine brown sand .....	4	169
Medium coarse brown sand, hardpan .....	10	179
Very fine multi-colored clayey sand .....	15	194
Fine brown sand, streaks sandy clay .....	5	199
Fine gray sandy clay .....	6	205
Fine brown sand, some clay .....	4	209
Fine brown sand .....	15	224
Fine brown sand, streaks clay .....	11	235
Fine brown sand .....	30	265
Fine brown sand, come clay .....	11	276
Fine gray sandy clay, streaks solid clay .....	20	296
Solid gray clay .....	8	304

Casing: 12 inches.

Screen: 63 feet of 12 inch with bottom at 128 feet.

Pumping test:

June 10, 1955. Duration: ..... 8 hours  
 Static water level: ..... 25 feet  
 Drawdown: ..... 25 feet  
 Yield: ..... 1319 gpm

N-5302. (C-7) Levittown Water District, south of Chimney Lane and east of Loring Road, Levittown. Drilled by C. W. Lauman & Co., Inc., June 6, 1956.

Log:	Thickness (feet)	Depth (feet)
Coarse brown sand, grits and small stones .....	40	40
Coarse brown sand and grits .....	30	70
Fine to coarse brown sand, some clay, grits, mica, hardpan .....	5	75
Fine to medium brown sand, grits, clay and mica .....	20	95
Fine to medium brown sand, grits, multi-colored sandy clay, mica .....	10	105
Fine to medium brown sand, grits, layers multi-colored clay, mica and hardpan .....	10	115
Fine to medium brown sand, grits, some clay, mica and hardpan .....	10	125
Fine brown sand and sandy clay and mica .....	23	148
Fine brown sand, solid and sandy clay and mica .....	9	157
Fine brown sand, some clay and lignite .....	5	162
Solid gray clay, lignite and pyrite .....	21	183
Fine gray sand, some clay and lignite .....	45	228
Fine gray sand, streaks sandy clay, lignite and mica .....	14	242
Solid gray clay .....	5	247
Fine gray sand, streaks sandy clay, mica, lignite and pyrite .....	3	250

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N-5302. (Continued)

	Thickness (feet)	Depth (feet)
Fine to medium gray sand, lignite and mica .....	8	258
Fine to medium gray sand, layers clay, lignite and mica ....	5	263
Fine gray sand, mica, lignite and streaks clay .....	10	273
Fine gray sand, mica, lignite and pyrite .....	64	337
Fine gray sand, streaks solid clay, mica and lignite .....	8	345
Solid gray clay .....	3	348
Solid gray clay, layers fine sand (hard) .....	4	352
Fine gray sand, some clay and pyrite .....	24	376
Medium to coarse gray sand, some clay .....	2	378
Fine gray sand, streaks sandy clay, hardpan and mica .....	18	396
Fine gray sand, mica and lignite .....	9	405
Fine gray sand, streaks sandy clay, mica, lignite .....	5	410
Fine to coarse gray sand, mica, lignite and some clay .....	5	415
Fine to coarse gray sand, mica, lignite, hardpan and some clay .....	5	420
Fine to coarse brown sand, mica, hardpan and some clay ....	6	426
Fine to coarse brown sand and mica .....	4	430
Fine to coarse brown sand (90%), mica and lignite .....	7	437
Fine brown sand, mica and lignite .....	3	440
Fine to coarse brown sand, mica and some grits .....	5	445
Fine to coarse gray sand, mica, streaks sandy clay .....	2	447
Fine gray sand, streaks solid and sandy clay, lignite .....	2	449
Fine to coarse gray sand, grits, streaks sandy clay .....	8	457
Medium to coarse brown sand and grits .....	5	462
Fine to medium coarse brown sand and grits .....	13	475
Fine gray sand and grits .....	8	483
Coarse gray sand and grits .....	7	490

Casing: 18 inches.

Screen: 53 feet of 12 inch with bottom at 484 feet.

Pumping test:

June 13, 1955.	Duration: .....	8 hours
	Static water level: .....	20 feet
	Drawdown: ...	21 feet
	Yield: .....	1212 gpm

N-5304. (C-7) Levittown Water District, south of Stirrup Lane and west of Water Lane, Levittown. Drilled by C. W. Lauman & Co., Inc., November 19, 1956.

Log:	Thickness (feet)	Depth (feet)
Coarse brown sand and gravel .....	70	70
Fine to coarse brown sand and gravel .....	10	80
Fine to coarse brown sand, grits and gravel .....	30	110
Fine brown sand and gravel .....	10	120
Multi-colored sandy clay .....	10	130
Fine to medium brown sand and multi-colored sandy clay	10	140
Fine to medium brown sand, gravel and clay .....	10	150
Fine brown sand, gravel, mica and some clay .....	20	170
Fine brown sand, gravel, mica, hardpan and some clay .....	21	191
Fine gray sand, mica, lignite, pyrite and some clay .....	24	215
Fine gray sand and mica .....	10	225
Fine gray sand, sandy clay and layers of solid clay .....	3	228
Fine to medium gray sand and mica .....	19	247
Fine gray sand, mica, streaks of solid clay, pyrite and lignite	4	251
Fine gray sand, mica, pyrite, some lignite and lumps of clay	11	262
Fine gray sand, mica and lignite .....	10	272
Fine gray sand, mica, lignite and gravel .....	13	285

N-5304. (Continued)

	Thickness (feet)	Depth (feet)
Solid gray clay and lignite .....	2	287
Solid gray clay, grits, gravel and lignite .....	9	296
Solid gray clay .....	10	306
Fine gray sand, mica, lignite, pyrite and some clay .....	27	333
Solid gray clay, lignite and pyrite .....	5	338
Solid and some sandy clay, fine gray sand, lignite and pyrite .....	10	348
Fine gray sand, sandy and solid clay, lignite .....	5	353
Solid gray clay, pyrite and lignite .....	7	360
Fine gray sand, mica, lignite and pyrite .....	10	370
Fine to medium gray sand, mica, lignite and some clay .....	50	420
Fine to medium gray sand, mica and lignite .....	10	430
Fine to medium gray sand, mica, lignite, pyrite and lumps of clay .....	5	435
Fine to medium gray sand, layers of solid lignite and pyrite .....	5	440
Fine gray sand, streaks of lignite, pyrite and some clay .....	8	448
Fine to coarse gray sand, grits, lignite, pyrite and streaks of sandy clay .....	10	458
Fine to coarse gray sand, grits, gravel, lignite, pyrite and streaks of sandy clay .....	14	472

Casing: 18 inches.

Screen: 52 feet of 12 inch with bottom at 467 feet.

Pumping test:

November 19, 1956. Duration: ..... 7 hours  
 Static water level: ..... 14 feet  
 Drawdown: ..... 34 feet  
 Yield: ..... 1230 gpm

N-5305. (D-8) Grumman Aircraft, north of Long Island Railroad and east of Oyster Bay Road, Bethpage. Drilled by C. W. Lauman & Co., Inc., November 28, 1955.

Log:	Thickness (feet)	Depth (feet)
Fill .....	4	4
Coarse brown sand, grits, gravel, stones .....	29	33
Medium coarse red-brown sand, grits, gravel, stones .....	5	38
Medium coarse red-brown sand, mica .....	10	48
Fine brown sand, streaks solid clay .....	6	54
Medium coarse gray sand, mica, streaks clay .....	6	60
Fine gray sand, mica, clay .....	11	71
Fine gray sand, mica .....	22	93
Multi-colored sand and clay, mica .....	12	105
Fine brown sand, mica .....	9	114
Medium fine brown sand, mica .....	14	128
Medium coarse brown sand, mica .....	8	136
Medium fine brown sand, mica, sandy clay, hardpan .....	10	146
Medium coarse brown sand, mica and some sandy clay, hardpan .....	21	167
Multi-colored sandy clay, hardpan .....	3	170

Casing: 20 and 12 inches.

Screen: 52½ feet of 12 inch with bottom at 168 feet.

Pumping test:

August 5, 1955. Duration: ..... 8 hours  
 Static water level: ..... 49 feet  
 Drawdown: ..... 17 feet  
 Yield: ..... 1016 gpm

N-5306. (D-8) Grumman Aircraft, north of Long Island Railroad and east of South Oyster Bay Road, Bethpage. Drilled by C. W. Lauman & Co., Inc., November 28, 1955.

Log:	Thickness (feet)	Depth (feet)
Fill .....	1	1
Coarse brown sand, grits, gravel and rocks .....	37	38
Fine brown sand, grits, gravel and hardpan .....	11	49
Fine brown sand, multi-colored clay, grits, mica .....	15	64
Multi-colored sandy clay .....	3	67
Medium fine gray sand and clay .....	3	70
Coarse gray sand .....	10	80
Coarse gray sand, streaks of clay and hardpan .....	11	91
Fine gray sand, mica and clay .....	14	105
Fine gray sand and mica .....	8	113
Multi-colored clay .....	3	116
Fine sand, multi-colored clay and hardpan .....	5	121
Coarse brown sand, multi-colored clay, mica .....	41	162
Multi-colored clay .....	10	172
Medium coarse brown sand, mica .....	25	197
Multi-colored sandy clay .....	15	212
Multi-colored sandy clay and hardpan .....	6	218
Multi-colored sandy clay .....	14	232
Fine brown sand, mica, and streaks of hardpan .....	6	238
Brown sandy clay, streaks of hardpan .....	4	242
Fine brown sand, streaks of clay, hardpan and mica .....	11	253
Solid gray clay .....	5	258

Casing: 20 and 12 inches.

Screen: 8 feet of 12 inch with bottom at 258 feet.

Pumping test:

August 6, 1955. Duration: ..... 8 hours  
 Static water level: ..... 55 feet  
 Drawdown: ..... 25 feet  
 Yield: .....1016 gpm

N-5308. (B-6) City of Long Beach, North Park Street and Pacific Boulevard, Long Beach. Drilled by Layne-New York Co., Inc., April 30, 1956.

Log:	Thickness (feet)	Depth (feet)
Gray sand .....	25	25
Marshy clay .....	20	45
Sand and gravel .....	65	110
Soft sandy clay .....	40	150
Sand, gravel, wood .....	64	214
Clay .....	8	222
Sand, gravel, wood .....	54	276
Sand and gravel .....	40	316
Sand, gravel, clay, wood .....	20	336
Fine sand .....	34	370
Sand, dark clay .....	50	520
Hard sand .....	18	538
Sand, clay streaks .....	95	633
Clay .....	55	688
Sand and clay .....	65	753
Hard clay .....	13	766
Clay, hard streak .....	191	957
Hardpan .....	2	959

N-5308. (Continued)

	Thickness (feet)	Depth (feet)
Clay, hard streaks .....	66	1025
Sand, clay streaks .....	24	1049
Coarse sand .....	28	1077
Tough clay .....	4	1081
Sand, clay streaks .....	31	1112
Clay .....	16	1128
Sand .....	12	1140
Sand, clay streaks .....	13	1153
Coarse sand .....	75	1228
Clay, sand streaks .....	16	1244
Tough clay .....	2	1246

Casing: 18, 12 and 8 inches.

Screen: 60 feet of 8 inch with bottom at 1220 feet.

Pumping test:

April 30, 1956.	Duration: .....	8 hours
	Static water level: .....	1 foot
	Drawdown: .....	37 feet
	Yield: .....	1275 gpm

N-5313. (B-5) Sterling Estates (Gimbel's Department Store), south of Sunrise Highway and west of Mill Road, Valley Stream. Drilled by C. W. Lauman & Co., Inc., February 14, 1956.

Log:	Thickness (feet)	Depth (feet)
Fill .....	3	3
Loam and clay .....	4	7
Coarse brown sand, grit, gravel .....	30	37
Same as above, with lumps clay .....	18	55
Fine gray sand .....	13	68
Same as above, with streaks sandy clay .....	11	79
Fine gray sand .....	12	91
Medium coarse gray sand and grit .....	5	96
Fine gray sand .....	28	124
Gray sandy clay .....	5	129
Fine gray sand .....	20	149
Same as above, with some clay, mica .....	9	158
Streaks sandy and solid clay .....	12	170
Fine gray sandy clay .....	8	178
Fine gray sand .....	6	184
Gray sandy clay .....	4	188
Fine gray sand .....	31	219
Gray clay .....	9	228
Fine gray sand, streaks lignite .....	21	249
Layers solid and sandy gray clay .....	9	258
Fine gray sand, streaks pyrite and lignite .....	16	274
Fine gray sandy clay .....	7	281
Fine gray sand, streaks lignite .....	14	295
Coarse gray sand .....	9	304
Fine gray sand, streaks lignite .....	26	330
Fine gray sandy clay, streaks solid clay .....	18	348

Casing: 16 inches.

Screen: 26 feet of 16 inch with bottom at 248 feet.

Static water level: .....	11 feet
Yield: .....	1000 gpm

N-5319. (C-7) East Meadow Water District, south of West End Place and west of Meadow Brook Parkway, East Meadow. Drilled by Layne-New York Co., Inc., September 6, 1956.

Log:	Thickness (feet)	Depth (feet)
Brown sand, gravel .....	55	55
Fine white sand, yellow-white clay .....	24	79
Fine gray sand .....	19	98
Clay, iron oxide .....	1	99
Muddy fine sand .....	11	110
Fine gray sand .....	9	119
Yellow clay, lignite, sand .....	19	138
Fine gray sand, lignite .....	10	148
Black clay .....	15	163
Gray clay .....	6	169
Fine muddy sand, lignite .....	28	197
Clay, lignite .....	5	202
Sand, lignite .....	5	207
Fine sand .....	15	222
Clay, sand, lignite .....	7	229
Sand, lignite .....	16	245
Black clay, lignite, pyrite .....	4	249
Gray sand .....	21	270
Gray sandy clay .....	7	277
Fine gray sand .....	18	295
Clay, sand .....	4	299
Medium gray sand .....	13	312
Sand, clay, lignite .....	15	327
Fine gray sand .....	52	379
Clay .....	1	380
Sand, lignite .....	7	387
Sand and gravel .....	50	437
Gravel .....	7	444
Muddy brown sand .....	3	447

Casing: 18 and 12 inches.

Screen: 50 feet of 12 inch with bottom at 438 feet.

Pumping test:

September 6, 1956. Duration: ..... 8 hours  
 Static water level: ..... 21 feet  
 Drawdown: ..... 34 feet  
 Yield: .....1300 gpm

N-5322. (C-7) East Meadow Water District, north of Cypress Avenue and west of Bellmore Road, East Meadow. Drilled by Layne-New York Co., Inc., June 20, 1956.

Log:	Thickness (feet)	Depth (feet)
Brown sand, gravel .....	65	65
Multi-colored clay .....	4	69
White sand, gravel .....	16	85
Black clay, lignite, pyrite .....	13	98
Sand, white, brown clay .....	56	154
Brown clay, iron oxide .....	2	156
Black clay, lignite .....	11	167
Fine gray sand, clay, lignite .....	14	181
Black clay, sand, lignite .....	54	235
Fine gray sand, lignite .....	15	250
Black clay .....	7	257
Sand, clay, lignite .....	7	264

N-5322. (Continued)

	Thickness (feet)	Depth (feet)
Sand and clay streaks .....	12	276
Brownish sand .....	26	302
Sand, clay, lignite, pyrites .....	14	316
Black clay .....	2	318
Fine muddy sand .....	10	328
Black sandy clay .....	9	337
Fine white-brown sand .....	18	355
Fine gray sand .....	4	359
Gray clay .....	6	365
Fine white sand .....	10	375
Coarse brown sand .....	14	389
Red sand, some clay .....	5	394
Fine brown sand, clay streaks .....	21	415
Black clay, pyrites .....	13	428
Brown sand, gravel .....	14	442
Gravel, clay, iron oxide .....	16	458
Orange clay, sand .....	2	460
Black clay, sand streaks .....	6	466
Sand, gravel .....	32	498
White clay .....	2	500
Sand, gravel .....	14	514
Sand, gravel, clay .....	3	517

Casing: 18 and 12 inches.

Screen: 40 feet of 12 inch with bottom at 510 feet.

Pumping test:

June 20, 1956.	Duration: .....	8 hours
	Static water level: .....	18 feet
	Drawdown: .....	39 feet
	Yield: .....	1225 gpm

N-5332. (E-7) Approved (Preferred) Sand and Gravel, north of North Hempstead Turnpike and west of Pine Hollow Road, Oyster Bay. Drilled by C. W. Lauman & Co., Inc., November 26, 1955.

Log:	Thickness (feet)	Depth (feet)
Fill, loam, medium fine brown sand, grits mica .....	8	8
Medium fine brown sand, grits, mica .....	5	13
Medium coarse brown sand, grits, mica .....	5	18
Medium fine brown sand, grits, mica .....	5	23
Medium coarse brown sand, grits, mica gravel .....	5	28
Medium fine dark brown sand, grits, mica .....	5	33
Medium fine brown sand, grits, mica .....	11	44
Fine gray sand, grits, mica .....	10	54
Coarse brown sand, grits .....	5	59
Fine brown sand .....	33	92
Fine brown sand, some clay .....	5	97
Brown clay, some fine brown sand .....	5	102
Gray clay .....	15	117
Coarse brown sand, grits, gravel .....	5	122
Same as above, with boulders .....	13	135
Same as above, with solid clay .....	4	139
Sandy clay, grits, gravel .....	2	141
Coarse brown sand, grits, gravel imbedded in clay .....	2	143
Coarse brown sand, grits, gravel, boulders .....	37	180

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N-5332. (Continued)

Casing: 12 inches.

Screen: 45 feet of 12 inch with bottom at 162 feet.

Pumping test:

November 26, 1955. Duration: ..... 9 hours  
 Static water level: ..... 28 feet  
 Drawdown: ..... 32 feet  
 Yield: ..... 1100 gpm

N-5334. (B-4) Inwood Country Club, north of Oak Avenue and west of Donahue Avenue, Inwood. Drilled by C. W. Lauman & Co., Inc., October 7, 1955.

Log:	Thickness (feet)	Depth (feet)
Top soil, sand, gravel .....	10	10
Coarse sand and gravel, light brown .....	11	21
Coarse sand, gravel, some fine sand, clay .....	7	28
Brown clay .....	3	31
Fine dark gray sand, silt, lignite, mica .....	10	41
Silt, clay, dark gray .....	16	57
Medium gray sand .....	10	67
Fine gray sand, mica, lignite .....	25	92
Medium brown sand, grits .....	10	102
Medium brown sand .....	15	117

Casing: 12 inches.

Screen: 6 feet of 12 inch with bottom at 28 feet.

6 feet of 12 inch with bottom at 68 feet.

24 feet of 12 inch with bottom at 117 feet.

Pumping test:

May 12, 1955. Duration: ..... 4 hours  
 Static water level: ..... 10 feet  
 Drawdown: ..... 11 feet  
 Yield: ..... 533 gpm

N-5335. (D-7) Certified Redi-Mix Co., Inc., north of Northern State Parkway and east of Broadway, Jericho. Drilled by Mathies Well & Pump Co., Inc., June 8, 1955.

Log:	Thickness (feet)	Depth (feet)
Top soil .....	1	1
Coarse sand and gravel .....	23	24
Very heavy gravel .....	16	40
Coarse sand and gravel .....	18	58
Red clay, sand and gravel .....	2	60
Reddish-white clay and fine sand .....	11	71
Red clay and fine sand .....	2	73
Brown clay and fine sand .....	3	76
Brown sand .....	2	78
Yellow clay and fine sand .....	18	96
White clay and fine sand .....	6	102
Yellow clay and fine sand .....	4	106
Fine sand, some clay .....	4	110
Coarse sand .....	28	138
Small grits and yellow clay .....	6	144

Casing: 6 inches.

Screen: 21¾ feet of 3¾ inch with bottom at 144 feet.

Static water level: ..... 80 feet



N-5336. (C-7) Hicksville Water District, north of Newbridge Road and west of Tiles Avenue, Hicksville. Drilled by C. W. Lauman & Co., Inc., July 20, 1956.

Log:	Thickness (feet)	Depth (feet)
Loam, top soil .....	2	2
Coarse brown sand, grit, gravel .....	71	73
Same as above, with layers clay .....	20	93
Fine brown sand, lumps clay .....	18	111
Layers fine brown sand, sandy clay .....	11	122
Fine brown sand .....	9	131
Layers fine brown sand and multi-colored sandy clay .....	21	152
Solid gray clay .....	5	157
Fine brown sand, some clay and mica .....	20	177
Very fine multi-colored sand, some clay and mica .....	7	184
Fine brown sand, some clay, mica .....	18	202
Multi-colored sandy clay .....	7	209
Fine brown sand, some clay, mica .....	47	256
Solid gray clay .....	20	276
Layers fine brown sand, sandy and solid clay .....	11	287
Fine brown sand, some clay, mica .....	15	302
Solid brown and black clay .....	5	307
Fine brown sand .....	17	324
Very fine brown sand, some clay .....	5	329
Very fine gray sand, some clay .....	6	335
Fine gray sandy clay .....	14	349
Fine brown sand, streaks sandy clay .....	6	355
Fine gray sandy clay .....	5	360
Solid multi-colored clay .....	6	366
Fine multi-colored sandy clay, streaks solid clay .....	9	375
Very fine gray sand, some clay .....	5	380
Fine gray sandy clay .....	27	407
Fine gray sand, some clay, mica .....	5	412
Coarse brown sand, grits, some clay .....	4	416
Fine gray sand, some clay .....	15	431
Medium coarse brown sand .....	5	436
Fine brown sand, some clay, hardpan .....	4	440
Solid gray clay .....	7	447
Multi-colored solid clay .....	9	456
Very fine gray sand, some clay .....	19	475
Layers medium coarse brown and yellow sand .....	26	501
Fine brown sand, streaks sandy clay .....	8	509
Medium coarse gray sand .....	13	522
Layers fine gray sandy clay and coarse brown sand .....	8	530
Coarse brown sand, grits .....	13	543
Same as above, with gravel, some clay .....	15	558
Medium coarse brown sand .....	11	569
Coarse brown sand, grit, gravel, some clay .....	36	605
Medium coarse brown sand, grit, gravel, some clay .....	10	615
Medium coarse brown sand, layers fine white sandy clay, gravel .....	16	631
Fine multi-colored sand, some clay .....	20	651
Coarse brown sand, streaks clay .....	5	656
Solid brown clay .....	14	670

Casing: 18 inches.

Screen: 51 feet of 12 inch with bottom at 523 feet.

Pumping test:

January 27, 1956.	Duration: .....	8 hours
	Static water level: .....	44 feet
	Drawdown: .....	50 feet
	Yield: .....	1404 gpm

N-5340. (C-7) Salisbury Nursery, south of Hempstead Turnpike and east of Merrick Avenue, East Meadow. Drilled by C. W. Lauman & Co., Inc., May 13, 1955.

Log:	Thickness (feet)	Depth (feet)
Top soil .....	2	2
Coarse brown sand, gravel .....	43	45
Coarse brown sand, some gravel .....	5	50
Coarse brown sand, some grits .....	5	55
Casing: 4 inches.		
Screen: 6 feet of 4 inch with bottom at 54 feet.		
Pumping test:		
May 12, 1955. Duration: .....		6 hours
Static water level: .....		21 feet
Drawdown: .....		5 feet
Yield: .....		38 gpm

N-5349. (C-8) County Line Shopping Center, south of Carmans Road and east of South Main Street, Farmingdale. Drilled by Eastern Well & Pump Co., May 19, 1955.

Log:	Thickness (feet)	Depth (feet)
Coarse sand, grits and gravel .....	30	30
Medium sand, grits and gravel .....	20	50
Casing: 6 inches.		
Screen: 5 feet of 4 inch with bottom at 49 feet.		
Pumping test:		
May 19, 1955. Duration: .....		2 hours
Static water level: .....		5 feet
Drawdown: .....		7 feet
Yield: .....		75 gpm

N-5353. (C-5) Anthony D. Gilas & Sons, northwest of Highland Boulevard and Franklin Avenue, Lynbrook. Drilled by Fred Habenicht & Sons, June 4, 1955.

Log:	Thickness (feet)	Depth (feet)
Pit .....	9	9
Sand and gravel .....	52	61
Casing: 6 inches.		
Screen: 10 feet of 5¾ inch with bottom at 61 feet.		
Pumping test:		
May 28, 1955. Duration: .....		4 hours
Static water level: .....		29 feet
Drawdown: .....		9 feet
Yield: .....		97 gpm

N-5362. (B-5) J. Zacharia, south of Veedor and east of Cedar Streets, Hewlett Bay Park. Drilled by Milton Costello, May 13, 1955.

Log:	Thickness (feet)	Depth (feet)
Bog .....	15	15
Brown sand .....	5	20
Blue clay .....	25	45
White sand and grits .....	15	60

N-5362. (Continued)

Casing: 4 inches.

Screen: 7 feet of 4 inch with bottom at 60 feet.

Pumping test:

May 14, 1955. Duration: ..... ½ hour  
 Static water level: ..... 6 feet  
 Drawdown: ..... 13 feet  
 Yield: ..... 45 gpm

N-5369. (B-5) Sheldon Magaliff, south of Muriel Avenue and west of Kenbridge Place, Lawrence. Drilled by Eastern Well & Pump Co., June 7, 1955.

Log:	Thickness (feet)	Depth (feet)
Fill and beach sand .....	3	3
Brown medium to coarse sand, grits, gravel .....	3	6
Fine hard brown sand .....	4	10
Solid brown clay .....	1	11
Clean sharp medium to coarse brown sand .....	1	12
Hard and fine silty brown sand .....	3	15
Solid brown clay .....	2	17
Coarse brown sand, lots of grit and gravel .....	9	26
Light brown sand, sharp clean, lots of grits and gravel .....	4	30

Casing: 4 inches.

Screen: 4 feet of 4 inch with bottom at 28 feet.

Pumping test:

June 7, 1955. Duration: ..... 3 hours  
 Static water level: ..... 5½ feet  
 Drawdown: ..... 2 feet  
 Yield: ..... 40 gpm

N-5397. (C-5) Gonsale Plating Co., northeast of New Hyde Park Road and Cathedral Avenue, Franklin Square. Drilled by Fred Habenicht & Sons, July 30, 1955.

Log:	Thickness (feet)	Depth (feet)
Top soil .....	4	4
Dark yellow sand and pebbles .....	33	37
Red hard sand, brick .....	6	43
Coarse light yellow sand, pebbles .....	20	63

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 63 feet.

Pumping test:

July 23, 1955. Duration: ..... 8 days  
 Static water level: ..... 31 feet  
 Yield: ..... 15 gpm

N-5398. (B-5) D. W. Witkin, south of Willow Lane and west of Harbor Road, Hewlett Harbor. Drilled by Eastern Well & Pump Co., June 30, 1955.

Log:	Thickness (feet)	Depth (feet)
Top soil .....	1	1
Fill .....	3	4

(Continued on next page)

N-5398. (Continued)

	Thickness (feet)	Depth (feet)
Gray clay .....	1	5
Fine brown sand .....	2	7
Brown sand, grit and gravel .....	3	10
Very fine hard brown sand and mica .....	20	30
Light brown medium to coarse sharp sand, mostly grit and gravel .....	4	34
Light gray sand, grit and gravel, hard layers gray clay mixed in strata .....	6	40
Gray medium to fine sharp sand, lots of small grits .....	11	51
Sharp brown sand, lot of grit and gravel .....	3	54
Yellowish sharp clean sand and gravel .....	2	56

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 55½ feet.

Pumping test:

June 30, 1955.	Duration: .....	3	hours
	Static water level: .....	101½	feet
	Drawdown: .....	9	feet
	Yield: .....	45	gpm

N-5409. (C-8) Dogwood Realty (Bohack) south of Dogwood Lane and west of Hicksville-Massapequa Road, Massapequa. Drilled by C. W. Lauman & Co., Inc., June 10, 1955.

Log:	Thickness (feet)	Depth (feet)
Coarse sand and gravel .....	48	48
Fine brown sand .....	1	49
Coarse sand and grit .....	1	50

Casing: 6 inches.

Screen: 11 feet of 6 inch with bottom at 50 feet.

Pumping test:

June 15, 1955.	Duration: .....	4	hours
	Static water level: .....	49¼	feet
	Drawdown: .....	7	feet
	Yield: .....	75	gpm

N-5419. (D-6) John Ross, south of Glen Cove Road and east of Jericho Turnpike, Westbury. Drilled by Mathies Well & Pump Co., Inc., June 7, 1955.

Log:	Thickness (feet)	Depth (feet)
Fill .....	2	2
Clay .....	1	3
Hardpan .....	5	8
Sand and gravel .....	34	42

Casing: 4 inches.

Screen: 6 feet of 3¾ inch with bottom at 43 feet.

Static water level: ..... 20 feet

N-5421. (C-8) C. W. Lauman & Co., Inc., north of Central Avenue and west of Broadway, Bethpage. Drilled by C. W. Lauman & Co., Inc., June 19, 1955.

Log:	Thickness (feet)	Depth (feet)
Cinders and top soil .....	2	2
Coarse brown sand, grit and gravel .....	81	83
Medium coarse brown sand, grits, layers of multi-colored clay .....	37	120
Medium coarse brown sand, grits .....	6	126
Brown sandy clay .....	5	131
Fine multi-colored sand, layers sandy clay .....	6	137
Medium coarse brown sand .....	6	143
Multi-colored sandy clay .....	5	148
Fine brown sand, streaks sandy clay .....	9	157
Multi-colored sandy clay .....	10	167
Fine brown sand .....	33	200

Casing: 6 inches.

Screen: 27 feet of 4 inch with bottom at 192 feet.

Static water level: ..... 45 feet  
Yield: ..... 20 gpm

N-5429. (C-6) Nassau Manor Corporation, south of Hampton Road and east of Nassau Road, Roosevelt. Drilled by Eastern Well & Pump Co., June 28, 1955.

Log:	Thickness (feet)	Depth (feet)
Cellar .....	8	8
Coarse brown sand and gravel .....	7	15
Coarse brown sand and gravel and large stones .....	18	33
Medium coarse light brown sand and gravel .....	13	46

Casing: 6 inches.

Screen: 10 feet of 6 inch with bottom at 46 feet.

Pumping test:

June 28, 1955. Duration: ..... 3 hours  
Static water level: ..... 14 feet  
Drawdown: - ..... 6 1/3 feet  
Yield: ..... 130 gpm

N-5430. (B-6) K.B.K. Properties, south of Pine Street and east of Bergen Place, Freeport. Drilled by Mathies Well & Pump Co., Inc., July 1, 1955.

Log:	Thickness (feet)	Depth (feet)
Basement .....	9	9
Coarse sand and gravel .....	29	38
Fine sand .....	2	40

Casing: 4 inches.

Screen: 8 feet of 4 inch with bottom at 40 feet.

Pumping test:

July 1, 1955. Duration: ..... 1 hour  
Static water level: ..... 13 feet  
Yield: ..... 100 gpm

N-5431. (C-8) Walter Seligman, south of Holly Street and east of Merrit Road, Farmingdale. Drilled by C. W. Lauman & Co., Inc., June 23, 1955.

Log:	Thickness (feet)	Depth (feet)
Loam .....	4	4
Brown sand .....	2	6
Brown sandy clay .....	16	22
Gray-tan sandy clay .....	23	45
Black sandy clay .....	27	72
Fine gray sand, clayey .....	8	80
Black sandy clay, some layers solid clay .....	2	82
Gray-tan fine clayey sand .....	10	92
Gray fine and medium coarse sand, some gravel, clay .....	11	103
Fine brown sand, little clay .....	5	108
Fine brown sand, some clay .....	9	117
Solid gray clay .....	7	124
Lumps of hardpan .....	7	131
Fine tan sand, lumps clay .....	2	133

Casing: 4 inches.

Screen: 11 feet of 4 inch with bottom at 134 feet.

Static water level: ..... 42 feet  
Yield: ..... 1400 gph

N-5433. (E-8) Mrs. A. C. Brooks, north of Laurel Hollow Road and east of Norh Road, Laurel Hollow. Drilled by Fred Habenicht & Son, October 30, 1955.

Log:	Thickness (feet)	Depth (feet)
Well pit .....	7	7
Coarse sand and gravel .....	122	129

Casing: 6 inches.

Screen: 10 feet of 6 inch with bottom at 129 feet.

Pumping test:

July 6, 1955. Static water level: ..... 98 feet  
Drawdown: ..... 11 feet  
Yield: ..... 35 gpm

N-5434. (E-8) D. Donnelly, northwest of Laurel Hollow Road and North Road, Laurel Hollow. Drilled by Fred Habenicht & Sons, November 23, 1955.

Log:	Thickness (feet)	Depth (feet)
Well pit .....	7	7
Sand and gravel .....	162	169

Casing: 4 inches.

Screen: 5 feet of 3¾ inch with bottom at 169 feet.

Pumping test:

August 13, 1955. Duration: ..... 6 hours  
Static water level: ..... 142 feet  
Yield: ..... 12 gpm

N-5440. (C-5) Triangle Sheet Metal Works, Inc., south of Plaza Avenue and west of New Hyde Park Road, New Hyde Park. Drilled by Eastern Well & Pump Co., October 10, 1955.

Log:	Thickness (feet)	Depth (feet)
Basement .....	6	6
Medium coarse light brown sand, grits and gravel .....	67	73
Casing: 6 inches.		
Screen: 9 feet of 4 inch with bottom at 67 feet.		
Pumping test:		
October 10, 1955. Duration: .....	3	hours
Static water level: .....	38	feet
Drawdown: .....	9¾	feet
Yield: .....	70	gpm

N-5441. (C-5) Dick Rowley, east of Salisbury Road and south of Elton Road, Stewart Manor. Drilled by Fred Habenicht & Sons, September 3, 1955.

Log:	Thickness (feet)	Depth (feet)
Well and tank pit .....	10	10
Coarse sand and pebbles .....	17	27
Coarse sand, red mix like brick dust .....	21	48
Very coarse white sand and gravel .....	16	64
Casing: 6 inches.		
Screen: 10 feet of 5¾ inch with bottom at 64 feet.		
Pumping test:		
August 3, 1955. Duration: .....	4	hours
Static water level: .....	30	feet
Drawdown: .....	6	feet
Yield: .....	57	gpm

N-5450. (D-6) Rolling Hills Country Club, Inc., north of Greenvale Road and east of Central Boulevard, Roslyn. Drilled by Mathies Well & Pump Co., Inc., October 17, 1955.

Log:	Thickness (feet)	Depth (feet)
Top soil .....	2	2
Sand and boulders .....	3	5
Sand and gravel .....	5	10
Fine sand and gravel .....	20	30
Sand and very coarse gravel .....	30	60
Sand and gravel .....	20	80
Casing: 12 inches.		
Screen: 21⅔ feet of 9½ inch with bottom at 80 feet.		
Pumping test:		
June 29, 1955. Duration: .....	8	hours
Static water level: .....	7½	feet
Drawdown: .....	33	feet
Yield: .....	500	gpm

N-5451. (C-7) Nassau County Park, north of Hempstead Turnpike and east of Merrick Avenue, Hempstead. Drilled by Mathies Well & Pump Co., Inc., September 14, 1955.

Log:	Thickness (feet)	Depth (feet)
Pit .....	12	12
Sand and gravel .....	7	19
Large stones and gravel .....	4	23
Coarse sand and gravel .....	21	44
Solid brown clay .....	6	50
Solid gray clay, trace of fine sand .....	25	75
Solid brown clay .....	17	92
Medium brown sand .....	8	100

Casing: 8 inches.

Screen: 11½ feet of 6 inch with bottom at 100 feet.

Static water level: ..... 37 feet  
Yield: ..... 110 gpm

N-5456. (E-7) Associated Food Stores, north of Northern Boulevard and east of Pine Hollow Road, East Norwich. Drilled by C. W. Lauman & Co., July 15, 1955.

Log:	Thickness (feet)	Depth (feet)
Fill .....	3	3
Coarse brown sand, grit, gravel .....	22	25
Coarse brown sand, grit, gravel, layers of soft brown clay .....	25	50
Coarse brown sand, grit, gravel .....	30	80
Coarse brown sand, grit, gravel, lumps brown clay .....	40	120
Medium coarse brown sand, grit, gravel .....	28	148
Fine brown sand, grit .....	9	157
Fine brown sand, mica .....	11	168
Very fine brown sand, some clay, mica .....	5	173

Casing: 6 inches.

Screen: 20 feet of 4 inch with bottom at 168 feet.

Pumping test:

June 27, 1955. Duration: ..... 8 hours  
Static water level: ..... 141 feet  
Drawdown: ..... 5¼ feet  
Yield: ..... 80 gpm

N-5457. (C-6) Hempstead General Hospital, south of Front Street and west of Clarendon Road, Hempstead. Drilled by Eastern Well & Pump Co., October 3, 1955.

Log:	Thickness (feet)	Depth (feet)
Cellar .....	5	5
Medium coarse sand, gravel .....	9	14
Red brown sand, grits .....	1	15
Yellow sand, grits, heavy gravel .....	10	25
Brown sand, grits and gravel .....	28	53

Casing: 6 inches.

Screen: 6½ feet of 4 inch with bottom at 52 feet.

Pumping test:

October 3, 1955. Duration: ..... 3 hours  
Static water level: ..... 24 feet  
Drawdown: ..... 4 feet  
Yield: ..... 40 gpm



N-5484. (C-6) Roosevelt Field, Inc., south of Old Country Road and east of Clinton Avenue, Hempstead. Drilled by C. W. Lauman & Co., Inc., May 5, 1956.

Log:	Thickness (feet)	Depth (feet)
Top soil and loam .....	3	3
Gray clay .....	5	8
Coarse brown sand, grits, gravel and stones .....	13	21
Medium coarse brown sand, grits and gravel .....	19	40
Coarse brown sand, grits and gravel .....	8	48
Medium fine brown sand, grits and gravel .....	4	52
Coarse brown sand, grits and gravel and lumps of clay .....	6	58
Coarse brown sand, grits, gravel and large stones .....	3	61
Fine brown sandy clay and mica .....	11	72
Fine brown sand and some clay and mica .....	17	89
Brown sandy clay, gray clay and hardpan .....	10	99
Brown sandy clay and mica .....	8	107
Fine brown sand and sandy clay .....	20	127
Fine brown sand, multi-colored sandy clay, hardpan and mica .....	18	145
Fine brown sand, mica and clay .....	11	156
Fine brown sand, hardpan and streaks of clay .....	5	161
Fine brown sand and mica .....	4	165
Fine brown sand, clay and hardpan .....	2	167
Solid gray clay and lignite .....	5	172
Multi-colored fine sand and some sandy clay .....	8	180
Fine brown sand, mica, hardpan and multi-colored sandy clay .....	8	188
Fine brown sand, mica, hardpan, clay, grits and gravel ....	8	196
Fine brown sand, hardpan and lumps of multi-colored clay .....	7	203
Fine brown sand, hardpan and multi-colored clay .....	10	213
Fine brown sand, clay, grits and gravel .....	10	223
Solid brown clay .....	9	232
Brown sandy clay and lignite .....	4	236
Brown sand, gray sand, hardpan and clay .....	6	242
Fine brown sand, some multi-colored sandy clay and hardpan .....	10	252
Medium fine brown sand, some multi-colored sandy clay and hardpan .....	36	288
Fine brown sand, multi-colored sandy clay, hardpan and mica .....		below 288
Casing: 16 inches.		
Screen: 31 feet of 16 inch with bottom at 281 feet.		
21 feet of 16 inch with bottom at 116 feet.		

Pumping test:

October 31, to November 1, 1955.

Duration: .....	24 hours
Static water level: .....	17 feet
Drawdown: .....	28 feet
Yield: .....	1525 gpm

N-5485. (C-6) Roosevelt Field, Inc., south of Old Country Road and east of Clinton Avenue, Hempstead. Drilled by C. W. Lauman & Co., Inc., May 5, 1956.

Log:	Thickness (feet)	Depth (feet)
Fill .....	3	3
Coarse brown sand, grits, gravel .....	51	54
Fine brown sand, some clay, mica .....	10	64

(Continued on next page)

N-5485. (Continued)

	Thickness (feet)	Depth (feet)
Fine brown sand, sandy clay, hardpan, mica .....	10	74
Fine gray sand, multi-colored sandy and solid clay, mica ....	16	90
Fine gray sand, multi-colored sandy clay, hardpan .....	5	95
Fine gray sand, mica, sandy clay .....	5	100
Fine brown sand, mica, sandy clay .....	3	103
Hardpan, mica .....	8	111
Multi-colored sandy and solid clay, hardpan .....	5	116
Fine brown sand, mica, some clay .....	10	126
Fine brown sand, mica, some clay .....	9	135
Fine brown sand, clay, mica .....	10	145
Fine brown sand, mica, hardpan, stones, some clay .....	6	151
Fine brown sand, mica, hardpan, sandy clay .....	8	159
Fine brown sand, sandy clay, hardpan, mica, stones .....	7	166
Fine brown sand, clay, stones, mica .....	4	170
Multi-colored, sandy and solid clay .....	6	176
Gray solid clay and pyrite .....	4	180
Solid gray clay, lignite, pyrite, some gravel .....	4	184
Lignite and pyrite .....	2	186
Solid gray clay .....	3	189
Solid gray clay, lignite and pyrite .....	4	193
Fine brown sand, streaks of dark gray clay, hardpan .....	6	199
Fine brown sand, dark gray clay, hardpan .....	24	223
Solid dark gray clay, pyrite .....	10	233
Medium fine gray sand, hardpan, sandy clay .....	13	246
Fine gray sand, mica, hardpan, brown clay .....	3	249
Fine gray sand, mica, some lignite .....	5	254
Medium fine gray sand, mica, lignite .....	2	256
Fine gray sand, mica, multi-colored sandy clay .....	4	260
Fine gray sand, mica, multi-colored sandy clay .....	10	270
Fine gray sand .....	6	276

Casing: 16 inches.

Screen: 58 feet of 16 inch with bottom at 278 feet.

Pumping test:

November 1, 1956 to November 2, 1956.

Duration: .....	24 hours
Static water level: .....	23 feet
Drawdown: .....	32 feet
Yield: .....	1540 gpm

N-5507. (C-6) Roosevelt Field, Inc., south of Old Country Road and east of Clinton Avenue, Hempstead. Drilled by C. W. Lauman & Co., Inc., May 10, 1956.

Log:	Thickness (feet)	Depth (feet)
Coarse brown sand, grits and rocks .....	10	10
Coarse brown sand, grits and gravel .....	41	51
Solid gray clay .....	3	54
Coarse brown sand, grits, gravel and clay .....	12	66
Coarse brown sand, grits and gravel .....	7	73
Fine brown sand, hardpan and clay .....	19	92
Multi-colored sandy clay and hardpan .....	10	102
Medium coarse brown sand and hardpan .....	5	107
Fine brown sand, multi-colored clay and mica .....	15	122
Sandy clay and mica .....	10	132
Sandy clay, hardpan and mica .....	30	162
Fine brown sand, clay and hardpan .....	3	165

N-5507. (Continued)

	Thickness (feet)	Depth (feet)
Hardpan, lignite and multi-colored clay .....	3	168
Solid gray clay, hard .....	10	178
Fine brown sand, hardpan, lumps of clay .....	24	202
Gray clay, hardpan and pyrite .....	5	207
Fine brown sand, lumps of clay .....	10	217
Fine brown sand, lumps of clay and lignite .....	6	223
Fine brown sand, clay, hardpan, lignite and pyrite .....	16	239
Fine brown sand and clay .....	11	250
Sandy clay, hardpan and pyrite .....	10	260
Fine brown sand, hardpan, pyrite, clay and mica .....	16	276
Fine gray sand, sandy clay and pyrite .....	4	280
Fine gray sand, some clay and mica .....	15	295
Medium coarse gray sand, streaks of clay and mica .....	12	307
Fine gray sand, clay, lignite and pyrite .....	9	316
Gray sandy clay, lignite and pyrite .....	3	319

Casing: 30 and 16 inches.

Screen: 11 feet of 16 inch with bottom at 102 feet.

11 feet of 16 inch with bottom at 152 feet.

32 feet of 16 inch with bottom at 314 feet.

Note: All measurements are from basement floor which is 16 feet below grade.

Pumping test:

November 16 and 17, 1956. Duration: ..... 24 hours  
 Static water level: ..... 9 feet below  
 top of casing  
 Drawdown: ..... 32 feet  
 Yield: ..... 1613 gpm

N-5528. (D-5) Manhasset-Lakeville Water District, south of Northern Boulevard and west of Searingtown Road, Manhasset. Drilled by Layne-New York Co., Inc., May 4, 1956.

Log:	Thickness (feet)	Depth (feet)
Hardpan .....	16	16
Hard sand and gravel .....	82	108
Hard clay .....	8	116
Hard sand .....	17	133
Sand and gravel, hard streaks .....	62	195
White clay .....	6	201
Sand and gravel .....	29	230
Clay .....	12	242
Sand and gravel, clay streaks .....	63	305
Various color clay .....	14	319
White sand, hard streaks .....	34	353
White clay .....	5	358
Sand and gravel, hard .....	38	396
Sandy clay .....	8	404
Coarse sand and gravel .....	91	495
Tough clay .....	5	500

Casing: 30, 20 and 12 inches.

Screen: 60 feet of 12 inch with bottom at 490 feet.

Pumping test:

May 4, 1956. Duration: ..... 8 hours  
 Static water level: ..... 193 feet  
 Drawdown: ..... 34 feet  
 Yield: ..... 1070 gpm

N-5535. (D-5) Deepdale, Inc., north of Horace Harding Expressway east of Valley Road, Lake Success. Drilled by C. W. Lauman & Co., Inc., November 8, 1956.

Log:	Thickness (feet)	Depth (feet)
Top soil and loam .....	3	3
Coarse brown sand, grits, gravel and boulders .....	17	20
Coarse brown sand, gravel and boulders .....	45	65
Coarse brown sand, grits, gravel and boulders .....	10	75
Fine to medium brown sand and mica .....	5	80
Coarse sand and boulders .....	7	87
Fine brown sand, sandy clay, imbedded gravel .....	1	88
Sandy and solid multi-colored clay .....	10	98
Coarse brown sand and gravel, large stones .....	30	128
Fine to coarse gray sand, grits and boulders .....	40	168
Fine to coarse sand, cemented gravel .....	15	183
Coarse sand and grits .....	10	193
Fine to coarse sand and cemented gravel .....	7	200
Fine brown sand, gravel and boulders .....	8	208
Fine brown sand, multi-colored sandy clay .....	20	228
Gray sandy clay .....	7	235
Fine gray sand and multi-colored clay .....	27	263
Multi-colored sandy clay .....	7	270
Solid gray clay .....	3	273
Fine gray sand and hardpan .....	3	276
Solid gray clay, very sticky .....	9	285
Solid multi-colored clay, lignite and hardpan .....	1	286
Multi-colored sandy clay, grits, lignite and hardpan .....	1	287
Fine to medium sand, streaks of sandy clay, lignite and hardpan .....	1	288
Fine to medium gray sand and sandy gray clay .....	4	292
Fine brown sand, hardpan, streaks of clay .....	8	300
Fine gray sand and sandy clay .....	8	308
Fine gray sand, streaks of solid clay and hardpan .....	3	311
Solid gray clay .....	6	317
Solid gray clay and pyrite .....	9	326
Multi-colored solid clay and hardpan .....	2	328
Multi-colored sandy clay, streaks of fine brown sand and hardpan .....	1	329
Fine brown sand, lumps of multi-colored clay and hardpan .....	4	333
Fine to coarse gray sand, grits, some clay .....	10	343
Fine to coarse gray sand, grits, lumps of clay .....	7	350
Coarse brown grits .....	10	360
Coarse brown sand, layers of sandy clay .....	3	363
Coarse brown sand, grits, some clay .....	32	395
Coarse brown sand, grits, layers of multi-colored clay .....	2	397
Solid multi-colored clay .....	10	407
Fine to coarse sand, grits and gravel .....	3	410

Casing: 16 and 12 inches.

Screen: 40 feet of 12 inch with bottom at 390 feet.

Pumping test:

November 16, 1955.	Duration: .....	8 hours
	Static water level: .....	186 feet
	Drawdown: .....	17 feet
	Yield: .....	690 gpm

N-5542. (D-5) Grand Union Company, north of Northern Boulevard and west of Great Neck Road, Great Neck. Drilled by C. W. Lauman & Co., Inc., July 28, 1955.

Log:	Thickness (feet)	Depth (feet)
Coarse brown sand .....	10	10
Fine sand, some clay .....	65	75
Medium fine brown sand, some clay, few grits .....	13	88
Brown and gray clay, very little sand .....		below 88
Casing: 6 inches.		
Screen: 10 feet of 6 inch with bottom at 85 feet.		
Static water level: .....		46 feet
Yield: .....		100 gpm

N-5546. (E-7) David Merson, south of Cleft Road and east of Horse Shoe Road, Mill Neck. Drilled by Eastern Well & Pump Co., January 12, 1956.

Log:	Thickness (feet)	Depth (feet)
Top soil .....	1	1
Dirty brown hard packed sand, grits, gravel and large stones .....	8	9
Reddish brown dirty sand, gravel and boulders .....	23	31
Brown medium coarse dirty sand, grits, and gravel .....	19	50
Light brown clean sharp sand, grit and gravel .....	19	69
Dirty brown medium coarse sand, grit and gravel .....	19	88
Clay, brown sand, grit and gravel .....	5	93
Clayey gray-brown sand, grit and gravel .....	9	102
Silty fine brown sand, grits, mica .....	3	105
Fine dirty sand, hardpan .....	6	111
Medium coarse sand, grit and gravel .....	12	123
Fine light brown sand (fairly clean) .....	5	128
Light brown medium fine sand, grits .....	3	131
Fine dirty brown sand, clay and hardpan .....	3	134
Brown medium coarse sand and grits .....	6	140
Gray clay .....	5	145
Gray and brown clay .....	20	165
Dirty gray sand and grits, clayey .....	3	168
Fine silty sand, clay lumps and mica .....	7	175
Dirty gray sand, grits, lumps of clay .....	3	178
Yellow brown sand, medium to coarse, lot grit and gravel .....	9	187
Casing: 8 inches.		
Screen: 6 feet of 6 inch with bottom at 187 feet.		
Pumping test:		
January 12, 1956. Duration: .....		6 hours
Static water level: .....		135 feet
Drawdown: .....		6 feet
Yield: .....		45 gpm

N-5575. (C-7) New York City—Department of Water Supply, Gas and Electricity, Wantagh. Drilled by New York City, July 14, 1955.

Log:	Thickness (feet)	Depth (feet)
Coarse red sand .....	25	25
Greenish fine sand .....	11	36
Fine gray sand .....	11	47
Gray clay .....	5	52

(Continued on next page)

N-5575. (Continued)

	Thickness (feet)	Depth (feet)
Fine gray sand .....	6	58
Gray clay .....	4	62
Fine reddish sand .....	8	70
Coarser reddish sand .....	20	90
Clay, coarse gray sand .....	10	100

Casing: 8 inches.

Screen: 10 feet of 8 inch with bottom at 100 feet.

Pumping test:

July 14, 1955.	Duration: .....	1 hour
	Static water level: .....	flows
	Drawdown: .....	1 foot
	Yield: .....	13 gpm

N-5582. (C-6) Lord & Taylor c/o The Garden City Co., south of 13th Street and Franklin Avenue, Garden City. Drilled by C. W. Lauman & Co., Inc., March 23, 1956.

Log:	Thickness (feet)	Depth (feet)
Fill soil and loam .....	10	10
Coarse brown sand, grits, gravel .....	40	50
Medium coarse brown sand .....	15	65
Medium coarse brown sand and gravel .....	15	80
Coarse brown sand, gravel and stones .....	6	86
Medium coarse brown sand and grits .....	9	95
Coarse brown sand, grits and stones .....	2	97
Brown clay .....	6	103
Solid gray clay .....	15	118
Gray sandy clay and streaks of sand .....	7	125
Gray sandy clay .....	20	145
Solid gray clay .....	59	214
Fine gray sand and streaks of gray clay .....	14	228
Solid gray clay .....	4	232
Gray clay and some grits .....	5	237
Fine gray sand and some dark gray clay .....	30	267
Medium coarse gray sand and some dark gray clay .....	10	277
Fine gray sand and some dark gray clay .....	8	285

Casing: 12 inches.

Screen: 31 feet of 10 inch with bottom at 274 feet.

Pumping test:

November 21, 1955.	Duration: .....	12 hours
	Static water level: .....	34 feet
	Drawdown: .....	44 feet
	Yield: .....	448 gpm

N-5583. (B-5) H. C. Bohack Co., Inc., north of Rockaway Avenue and east of Roosevelt Avenue, Valley Stream. Drilled by Sweeney & Gray Co., Inc., November 10, 1955.

Log:	Thickness (feet)	Depth (feet)
Basement .....	7	7
Fine to medium sand .....	38	45

Casing: 6 inches.

Screen: 11 feet of 6 inch with bottom at 45 feet.

N-5583. (Continued)

Pumping test:  
November 10, 1955. Duration: ..... 4 hours  
Static water level: ..... 8 feet  
Drawdown: ..... 3 feet  
Yield: ..... 45 gpm

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N-5589. (B-5) Union Free School District #14 (Hewlett High School), south of East Rockaway Road and west of Meadowview Avenue, Hewlett. Drilled by Mathies Well & Pump Co., Inc., June 19, 1956.

Log:	Thickness (feet)	Depth (feet)
Coarse sand and stones .....	6	6
Medium sand and grits .....	21	27
Gray clay .....	35	62
Fine sand, some grits .....	16	78

Casing: 4 inches.  
Screen: 9 feet of 4 inch with bottom at 78 feet.

Pumping test:  
September 19, 1955. Duration: ..... 2 hours  
Static water level: ..... 9 feet  
Yield: ..... 45 gpm

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N-5593. (B-5) Crestwood Dairy, Inc., north of Merrick Road and east of Dawes Avenue, Lynbrook. Drilled by Mathies Well & Pump Co., Inc., October 20, 1955.

Log:	Thickness (feet)	Depth (feet)
Fill .....	5	5
Gray clay .....	2	7
Fine sand (tied in clay) .....	10	17
Fine brown sand .....	40	57
White clay .....	8	65
Gray sandy clay .....	20	85
Brown clay .....	11	96
Brown sandy clay .....	29	125
Gray sandy clay .....	13	138
Fine gray sand (life) .....	5	143
Solid gray clay .....	37	180
Sandy gray clay (soft) .....	80	260
Fine sand .....	8	268
Fine sand .....	7	275
Fine sand .....	4	279
Fine sand and clay .....	1	280
Fine sand .....	18	298

Casing: 10 inches.  
Screen: 31 feet of 6 inch with bottom at 297 feet.

Pumping test:  
October 20, 1955. Duration: ..... 8 hours  
Static water level: ..... 10 feet  
Drawdown: ..... 53 feet  
Yield: ..... 530 gpm

N-5594. (D-7) Mid-Island Shopping Center, south of Nevada Street and west of Broadway, Hicksville. Drilled by C. W. Lauman & Co., Inc., October 19, 1955.

Log:	Thickness (feet)	Depth (feet)
Coarse brown sand, gravel .....	40	40
Same as above, with large stones .....	26	66
Coarse brown sand, gravel, lumps clay .....	10	76
Fine brown sand .....	18	94
Solid gray clay .....	7	101
Fine multi-colored sand, some clay, mica .....	37	138
Fine brown sand, some clay .....	14	152
Fine multi-colored sand, sandy clay, mica .....	12	164
Fine multi-colored sand, some clay, mica .....	9	173
Fine multi-colored sand, sandy clay, mica .....	7	180
Fine brown sand, mica .....	11	191
Solid gray clay .....	11	205
Fine multi-colored sand, sandy and solid clay .....	5	210
Fine brown sand, mica .....	4	214
Fine brown sand, sandy clay, mica .....	5	219
Fine gray sand, sandy clay, mica .....	10	229
Solid and multi-colored sandy clay .....	5	234
Fine multi-colored sand, sandy clay, mica .....	6	240
Fine brown sand, sandy clay, mica .....	5	245
Coarse brown sand, some clay, mica .....	8	253
Fine multi-colored sand, streaks clay, mica .....	3	256
Solid brown clay .....	6	262
Solid gray clay, streaks sandy clay .....	10	272
Gray sandy clay, solid gray clay .....	16	288
Solid gray clay .....	3	291
Multi-colored sandy clay, streaks solid clay .....	6	297
Fine gray sand, mica, some clay .....	10	307
Fine gray sand, streaks sandy and solid clay .....	5	312
Medium brown sand, some clay .....	5	317
Fine gray sand, mica, streaks sandy clay .....	6	323
Multi-colored sandy clay, streaks fine gray sand .....	4	327
Solid gray clay .....	4	331
Gray sandy clay .....	7	338
Multi-colored sandy clay, streaks fine gray sand .....	14	352
Fine gray and pink sand, mica, some clay .....	9	361
Medium brown and pink sand, some clay .....	9	370
Fine brown and pink sand, mica, some clay .....	8	378
Medium multi-colored sand, some clay, small grits .....	4	382
Fine multi-colored sand, mica, some clay .....	11	393
Medium brown sand, streaks sandy and solid clay .....	10	403
Medium coarse brown sand, some small grits .....	6	409
Fine multi-colored sand, streaks sandy and solid clay .....	13	422
Medium brown sand, mica .....	7	429
Multi-colored sand, some clay, streaks solid clay .....	4	433
Multi-colored sand, mica, streaks sandy clay .....	7	440

Casing: 16 inches.

Screen: 15 feet of 16 inch with bottom at 145 feet.

21 feet of 16 inch with bottom at 190 feet.

15 feet of 16 inch with bottom at 255 feet.

Pumping test:

October 12, 1955. Duration: ..... 8 hours  
Static water level: ..... 48 feet  
Drawdown: ..... 30 feet  
Yield: ..... 1212 gpm



N-5595. (C-6) North Shore Land Corporation, south of Old Country Road and east of Ivy Court, Garden City. Drilled by Mathies Well & Pump Co., Inc., September 8, 1955.

Log:	Thickness (feet)	Depth (feet)
Pit .....	10	10
Coarse sand and gravel .....	65	75
Fine sand, some gravel .....	13	88
Casing: 8 inches.		
Screen: 17 feet of 6 inch with-bottom at 87½ feet.		
Pumping test:		
August 31, 1955. Duration: .....	2	hours
Static water level: .....	36½	feet
Drawdown: .....	9	feet
Yield: .....	200	gpm

N-5599. (D-6) G. Schenk, south of I. U. Willets Road and east of Shelter Rock Road, Albertson. Drilled by Fred Habenicht & Sons, March 17, 1956.

Log:	Thickness (feet)	Depth (feet)
Top soil .....	6	6
Clay and sand mix .....	67	73
Light sandy clay mix, mica .....	45	118
Light yellow sandy clay .....	13	131
Light yellow sand, very muddy .....	17	148
Casing: 4 inches.		
Screen: 5 feet of 3¾ inch with bottom at 148 feet.		
Pumping test:		
September 10, 1956. Duration: .....	3	hours
Static water level: .....	97	feet
Yield: .....	20	gpm

N-5608. (D-6) H. H. Rains, south of Ridge Drive and west of Knolls Drive, East Hills. Drilled by C. W. Lauman & Co., Inc., November 22, 1955.

Log:	Thickness (feet)	Depth (feet)
Cobble stones, coarse sand, gravel .....	10	10
Coarse sand, gravel, stones .....	62	72
Casing: 6 inches.		
Screen: 10¾ feet of 4 inch with bottom at 72 feet.		
Static water level: .....		36 feet
Yield: .....		40 gpm

N-5620. (E-7) Jenkins (Builder) north of Roosevelt Road and west of Joyce Place, Centre Island. Drilled by C. W. Lauman & Co., Inc., October 26, 1955.

Log:	Thickness (feet)	Depth (feet)
Basement .....	7	7
Solid brown clay .....	11	18
Hardpan .....	28	46
Dark brown sand, plenty of gravel .....	3	49

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N-5620. (Continued)	Thickness (feet)	Depth (feet)
Solid blue-gray clay .....	14	63
Coarse brown sand and gravel .....	5	68
Yellowish brown sand and gravel .....	2	70
Light brown sand, grits, large stones .....	5	75
Casing: 4 inches.		
Screen: 5¾ feet of 4 inch with bottom at 68 feet.		
Static water level: .....		34 feet
Yield: .....		10 gpm

N-5624. (C-6) Apostolic Church, California Avenue and Front Street, Uniondale. Drilled by Eastern Well & Pump Co., October 12, 1955.

Log:	Thickness (feet)	Depth (feet)
Top soil .....	3	3
Red-brown grits and clay .....	2	5
Red gravel and stones .....	3	8
Hard yellow sand .....	2	10
Coarse brown sand, grits and gravel .....	11	21
Heavy grit and gravel, light brown sand .....	12	33
Casing: 4 inches.		
Screen: 5 feet of 2 inch with bottom at 38 feet.		
Pumping test:		
October 12, 1955. Duration: .....	2	hours
Static water level: .....	19¾	feet
Drawdown: .....	2	feet
Yield: .....	20	gpm

N-5627. (C-8) J. T. Powell Professional Building, north of Merrick Road and west of Jackson Avenue, Seaford. Drilled by Eastern Well & Pump Co., June 10, 1956.

Log:	Thickness (feet)	Depth (feet)
Sandy clay .....	1	1
Hard gray-green clay .....	1	2
Clean light brown sand, few grits .....	26	28
Casing: 4 inches.		
Screen: 5 feet of 4 inch with bottom at 26½ feet.		
Pumping test:		
June 10, 1956. Duration: .....	2	hours
Static water level: .....	4	feet
Drawdown: .....	5½	feet
Yield: .....	45	gpm

N-5634. (E-7) Mr. and Mrs. Rockike, Cedar Lane and Centre Island Road, Centre Island. Drilled by Fred Habenicht & Sons, March 3, 1956.

Log:	Thickness (feet)	Depth (feet)
Well .....	6	6
Clay and stones .....	43	49
Sandy clay and mica .....	24	73
Yellow sandy clay .....	8	81

N-5634. (Continued)	Thickness (feet)	Depth (feet)
Coarse yellow sand .....	6	87
Sand and gravel .....	2	89
Well point .....	4	93
Casing: 4 inches.		
Screen: 4 feet of 2 inch with bottom at 93 feet.		
Pumping test:		
October 13, 1955. Duration: .....		6 hours
Static water level: .....		67 feet
Yield: .....		14 gpm

N-5643. (C-5) The Franklin National Bank, south of Hempstead Turnpike and west of James Street, Franklin Square. Drilled by Eastern Well & Pump Co., October 21, 1955.

Log:	Thickness (feet)	Depth (feet)
Cellar .....	6	6
Medium brown sand, some grits .....	24	30
Stones, gravel, grits, some sand .....	3	33
Medium to fine brown sand .....	7	40
Medium brown sand, some grits .....	8	48
Coarse red-brown sand and grits .....	17	65
Casing: 6 inches.		
Screen: 10 feet of 4 inch with bottom at 65 feet.		
Pumping test:		
October 27, 1955. Duration: .....		3 hours
Static water level: .....		16 feet
Drawdown: .....		9 feet
Yield: .....		125 gpm

N-5644. (D-7) Mid-Island Shopping Plaza, north of Nevada Street and west of Broadway, Hicksville. Drilled by C. W. Lauman & Co., Inc., November 18, 1955.

Log:	Thickness (feet)	Depth (feet)
Coarse brown sand, grits, gravel .....	20	20
Same as above, with large stones .....	9	29
Fine brown sand, grits, gravel, stones .....	10	39
Medium coarse brown sand, grits, gravel, stones .....	16	55
Fine brown sand and gravel .....	19	74
Coarse brown sand and grits .....	9	83
Fine brown sand, multi-colored clay, mica .....	20	103
Multi-colored sandy clay .....	10	113
Fine brown sand, mica, clay .....	13	126
Medium brown sand, mica, some clay .....	11	137
Fine gray sand, mica, streaks clay .....	19	156
Fine multi-colored sand, mica .....	10	166
Fine multi-colored sand .....	10	176
Same as above, with mica .....	10	186
Medium brown sandy clay .....	5	191
Fine sand, streaks multi-colored sandy clay, mica .....	10	201
Gray clay .....	9	210
Multi-colored sandy clay, streaks clay .....	5	215
Fine brown sand, some clay .....	9	224

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N-5644. (Continued)

	Thickness (feet)	Depth (feet)
Fine brown sand, multi-colored sandy clay .....	13	237
Multi-colored sandy clay .....	8	245
Fine brown sand, some clay .....	7	252
Fine gray sand, some clay, hardpan .....	8	260
Medium coarse brown sand, some clay, hardpan .....	5	265
Gray clay .....	1	266
Medium coarse brown sand, some clay, hardpan .....	5	271
Fine brown sand, mica .....	3	274

Casing: 12 inches.

Screen: 25 feet of 12 inch with bottom at 270 feet.

Pumping test:

October 25, 1955.	Duration: .....	8 hours
	Static water level: .....	65 feet
	Drawdown: .....	27 feet
	Yield: .....	361 gpm

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N-5649. (D-7) Westbury Sand & Gravel Co., south of Grand Boulevard and west of Grand Street, Westbury. Drilled by C. W. Lauman & Co., Inc., November 30, 1955.

Log:	Thickness (feet)	Depth (feet)
Fill and stones .....	5	5
Brown sand, gravel .....	25	30
Brown sand and gravel (water bearing) .....	20	50

Casing: 4 inches.

Screen: 6 feet of 4 inch with bottom at 49 feet.

Pumping test:

October 26, 1955.	Static water level: .....	16 feet
	Drawdown: .....	10 feet
	Yield: .....	60 gpm

Note: Water temperature 53° Fahrenheit.

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N-5650. (D-5) Great Neck Sewer District, south of Vista Road and west of East Shore Road, Great Neck. Drilled by Weidner's Pump Service, November 20, 1955.

Log:	Thickness (feet)	Depth (feet)
Fill .....	7	7
Top soil .....	1	8
Fine sand and clay .....	27	35
Clay .....	8	43
Fine sand .....	9	52
Coarse sand .....	4	56
Clay .....		below 56

Casing: 2 inches.

Screen: 4 feet of 1½ inch with bottom at 56 feet.

Pumping test:

November 20, 1955.	Duration: .....	2 hours
	Static water level: .....	7 feet
	Drawdown: .....	15 feet
	Yield: .....	15 gpm

N-5653. (C-6) Long Island Water Corporation, south of Woodland Drive and west of West Long Beach Road, South Hempstead. Drilled by C. W. Lauman & Co., Inc., April 6, 1956.

Log:	Thickness (feet)	Depth (feet)
Coarse brown sand, grits, gravel .....	60	60
Coarse brown sand, grits, gravel and clay .....	10	70
Fine gray sand, streaks of clay .....	15	85
Medium coarse gray sand, grits, gravel, streaks of clay .....	3	88
Fine gray sand, streaks of clay, mica .....	20	108
Fine gray sand, streaks of clay, lignite .....	20	128
Solid gray clay .....	10	138
Fine gray sand, streaks of clay, lignite .....	24	162
Fine gray sand, mica, streaks of clay .....	10	172
Fine gray sand, mica, lignite .....	10	182
Solid gray clay, streaks of sand .....	10	192
Fine gray sandy clay, lignite, mica, some clay .....	10	202
Fine gray sand, lignite, mica and clay .....	15	217
Gray sandy clay, clay, lignite .....	9	226
Fine gray sand, lignite, mica .....	10	236
Fine gray sand, mica, streaks of clay, lignite .....	30	266
Fine gray sand, mica, lignite .....	6	272
Fine gray sand, lignite, clay .....	10	282
Fine gray sand, lignite, some clay .....	30	312
Fine gray sandy clay, mica, lignite .....	10	322
Fine gray sand, some clay, lignite .....	50	372
Fine gray sand, mica and lignite .....	10	382
Medium gray sand, streaks of clay, pyrite .....	10	392
Fine gray sand, streaks of clay, mica .....	10	402
Fine gray sand, pyrite, lignite .....	8	410
Fine gray sand, lignite, mica .....	8	418
Fine gray sandy clay, pyrite, lignite .....	12	430
Fine gray sand .....	10	440
Fine gray sand, sandy clay, clay .....	10	450
Fine gray sand, sandy clay, lignite .....	4	454
Solid gray clay .....	9	463
Gray clay and pyrite .....	16	479
Coarse gray sand and gray clay .....	4	483
Solid gray clay .....	6	489
Medium coarse gray sand, mica, streaks of clay .....	14	503
Coarse gray sand, some mica .....	10	513
Coarse gray sand, grits, streaks of clay .....	15	528
Fine brown sand, some clay, grits .....	9	537
Medium coarse sand, grits .....	3	540
Fine sand, grits, clay .....	5	545
Coarse sand, grits, clay .....	3	548
Fine gray sand, some clay .....	12	560
Coarse sand, grits .....	4	564
Fine gray sand, grits .....	4	568
Gray sand, grits, gravel, clay .....	5	573
Coarse gray sand, grits, gravel .....	13	586
Fine gray sand, sandy clay and hardpan .....	4	590

Casing: 18 inches.

Screen: 52 feet of 12 inch with bottom at 589 feet.

Pumping test:

February 20, 1956.	Duration: .....	8 hours
	Static water level: .....	12 feet
	Drawdown: .....	42 feet
	Yield: .....	1500 gpm

Note: Water temperature 53° Fahrenheit.

N-5654. (C-6) Westbury Water District, north of Old Country Road and east of Grand Street, Westbury. Drilled by Layne-New York Co., Inc., August 15, 1956.

Log:	Thickness (feet)	Depth (feet)
Brown sand and gravel .....	34	34
Light brown sand .....	14	48
Fine muddy sand .....	34	82
Sand, brown clay, iron oxide .....	54	136
Black clay .....	5	141
Fine white sand .....	7	148
Gray clay .....	18	166
Sand .....	13	179
Clay .....	4	183
Fine sand, some brown clay .....	46	229
White-brown clay, fine white-brown sand .....	31	260
Coarse sand and gravel .....	15	275
Hard streaks .....	1	276
Sand .....	65	341
Sand, clay .....	11	352

Casing: 20 inches.

Screen: 60 feet of 12 inch with bottom at 335 feet.

Pumping test:

August 15, 1956.	Duration: .....	8	hours
	Static water level: .....	25½	feet
	Drawdown: .....	19	feet
	Yield: .....	975	gpm

N-5655. (D-7) Westbury Water District, north of Broadway and east of Brooklyn Avenue, Westbury. Drilled by Layne-New York Co., Inc., August 16, 1956.

Log:	Thickness (feet)	Depth (feet)
Sand, gravel .....	32	32
Various colored clay .....	24	56
Fine muddy sand, clay .....	20	76
Fine sand .....	9	85
Clay, iron oxide .....	1	86
Sand, clay, iron oxide .....	14	100
Various colored clay .....	10	110
Fine sand, clay, iron oxide .....	14	124
Fine brown sand .....	7	131
Fine sand, clay, iron oxide .....	25	156
Fine white sand .....	7	163
White and brown clay .....	3	166
Fine muddy brown sand, iron oxide .....	7	173
White and brown clay .....	12	185
Fine muddy sand .....	9	194
White and brown clay .....	4	198
Fine brown sand .....	12	210
White yellow clay .....	2	212
Brown sand .....	13	225
White and brown clay .....	4	229
Fine white brown sand .....	21	250
Fine clay .....	3	253
Fine sand .....	7	260
Various color clay .....	5	265

Casing: 20 and 12 inches.

Screen: 50 feet of 12 inch, with bottom at 255 feet.

N-5655. (Continued)

Pumping test:  
 August 16, 1956. Duration: ..... 8 hours  
 Static water level: ..... 48½ feet  
 Drawdown: ..... 37½ feet  
 Yield: ..... 1050 gpm

N-5656. (C-6) Long Island Water Co., south of Tanglewood Road and east of Pines Pond Road, Lakeview. Drilled by Layne-New York Co., Inc., June 21, 1956.

Log:	Thickness (feet)	Depth (feet)
Top soil .....	5	5
Sand and gravel .....	3	8
Soft sandy clay .....	10	18
Soft gray clay .....	8	26
Sand and gravel .....	5	31
Gray sandy clay .....	78	109
Muddy sand, wood, streaks pyrites .....	71	180
Sand and gravel .....	5	185
Muddy sand .....	16	201
Sand and wood .....	10	211
Sand and wood .....	11	222
Sand, streaks of wood .....	29	251
Fine muddy sand .....	29	280
Clay .....	2	282
Muddy sand and wood .....	23	305
Hard packed sand .....	24	329
Clay .....	2	331
Sand and streaks of clay .....	79	410
Hard packed sand .....	14	424
Hard clay .....	17	441
Coarse sand .....	23	464
Clay .....	2	466
Coarse sand and fine gravel .....	34	500
Clay .....	6	506

Casing: 18 and 12 inches.

Screen: 50 feet of 12 inch with bottom at 495 feet.

Pumping test:  
 June 21, 1956. Duration: ..... 8 hours  
 Static water level: ..... 2 feet above casing  
 Drawdown: ..... 61 feet  
 Yield: ..... 1200 gpm

N-5663. (D-7) Health Insurance Plan of Greater New York, west of Broadway and south of Roosevelt Avenue, Hicksville. Drilled by Mathies Well & Pump Co., Inc., November 29, 1955.

Log:	Thickness (feet)	Depth (feet)
Coarse sand and gravel .....	83	83
Fine sand .....	7	90
Coarse sand and grits .....	10	100

Casing: 6 inches.

Screen: 10 feet of 6 inch with bottom at 99 feet.

Pumping test:  
 November 29, 1955. Duration: ..... 4 hours  
 Static water level: ..... 57½ feet  
 Yield: ..... 100 gpm

N-5664. (C-6) Korvette Westbury, Inc., south of Glen Cove Road and west of Westbury Avenue, Carle Place. Drilled by Eastern Well & Pump Co., November 16, 1955.

Log:	Thickness (feet)	Depth (feet)
Fill .....	10	10
Medium to coarse yellowish brown sand, grits and gravel ....	7	17
Medium to coarse light brown sand, lots grits and gravel ....	24	41
Medium to coarse light brown sand, fewer grits and gravel	26	67
Brown silty sand and hardpan .....	3	70

Casing: 8 inches.

Screen: 15 feet of 6 inch with bottom at 67½ feet.

Pumping test:

November 15, 1955.	Duration: .....	3	hours
	Static water level: .....	18	feet
	Drawdown: .....	16½	feet
	Yield: .....	200	gpm

N-5667. (C-7) Nassau County Department Public Works, northwest of Jerusalem Avenue and Liberty Street, East Meadow. Drilled by Eastern Well & Pump Co., February 20, 1956.

Log:	Thickness (feet)	Depth (feet)
Top soil and loam .....	3	3
Medium to coarse brown sand, grit and gravel .....	27	30
Clean medium to coarse dark brown sand, mostly grit and gravel .....	18	48
Fine to medium light brown sand, lots of heavy grits, gravel and stones .....	7	55
Brown medium coarse sand, mostly grits and heavy gravel	7	62
Layer of brown sandy clay .....	1	63
Light brown sand, fairly clean, lots of life, some small grits	1	64
Solid black clay .....	1	65

Casing: 8 inches.

Screen: 16 feet of 8 inch with bottom at 64 feet.

Pumping test:

February 20, 1956.	Duration: .....	6	hours
	Static water level: .....	21	feet
	Drawdown: .....	18	feet

N-5672. (E-7) Beaver Dam Sports Club, northeast of Kentuck Lane, Mill Neck. Drilled by C. W. Lauman & Co., Inc., December 22, 1955.

Log:	Thickness (feet)	Depth (feet)
Brown sand .....	15	15
Brown sand and clay.....	20	35
Gray sand and clay .....	15	50
Brown sand and clay .....	5	55
Gray sand and clay .....	30	85
Brown sand and clay .....	10	95
Brown sand, gravel, stones .....	5	100
Beach sand, gravel, stones .....	15	115
Sand, gravel, stones .....	3	118
White clay .....	1	119

Casing: 8 inches.

Screen: 19½ feet of 6 inch with bottom at 121 feet.



N-5672. (Continued)

Pumping test:  
 December 6, 1955. Duration: ..... 4 hours  
 Static water level: ..... flows  
 Drawdown: ..... 16 feet  
 Yield: ..... 250 gpm

N-5677. (D-7) Kollsman Instrument Co., north of Jericho Turnpike and east of Willis Avenue, Syosset. Drilled by C. W. Lauman & Co., Inc., September 16, 1956.

Log:	Thickness (feet)	Depth (feet)
Loam .....	4	4
Coarse brown sand, grit .....	50	54
Coarse brown sand, grit, gravel, lumps clay .....	10	64
Sandy clay, with streaks solid clay .....	11	75
Medium coarse brown sand, some clay .....	4	79
Fine gray sandy clay .....	11	90
Sandy clay, with streaks solid clay .....	18	108
Fine brown sand, some clay .....	3	111
Brown sandy clay, streaks solid clay .....	16	127
Fine brown sand, streaks clay .....	24	151
Brown sandy clay, streaks sand .....	16	167
Fine brown sand .....	35	202
Fine brown sand, some clay .....	5	207
Sandy clay, streaks brown clay .....	6	213
Fine brown sand, some clay .....	4	217
Fine brown sand .....	15	232
Fine gray sandy clay .....	9	241
Fine brown sand .....	15	256
Brown clay .....	11	267
Gray clay .....	26	293
Fine gray sandy clay, streaks solid clay .....	8	301
Fine gray sand .....	7	308
Fine brown sand, some clay, hardpan .....	4	312
Fine brown sand, some clay .....	11	323
Fine gray sandy clay .....	5	328
Fine brown sand .....	26	354
Fine multi-colored sandy clay .....	4	358
Fine brown sand .....	12	370
Fine brown sand, some clay .....	4	374
Fine brown sand .....	11	385
Fine gray sand, some clay .....	4	389
Fine brown sand .....	5	394
Medium coarse red sand .....	6	400
Medium coarse brown sand .....	4	404
Fine brown sand .....	11	415
Layers fine brown sand, solid and sandy clay .....	6	421
Solid brown clay .....	8	429

Casing: 12 inches.

Screen: 35 feet of 12 inch with bottom at 206 feet.

10 feet of 12 inch with bottom at 229 feet.

15 feet of 12 inch with bottom at 257 feet.

Pumping test:  
 June 22, 1956. Duration: ..... 8 hours  
 Static water level: ..... 130 feet  
 Drawdown: ..... 24 feet  
 Yield: ..... 1060 gpm

N-5681. (D-7) Seamen & Eiseman, Inc., north of Carle Street and east of Broadway, Hicksville. Drilled by Eastern Well & Pump Co., March 2, 1956.

Log:	Thickness (feet)	Depth (feet)
Fill .....	8	8
Clean light brown sand, grit and gravel .....	76	84
Clean sharp medium to coarse light brown sand, lots of small grits .....	9	93
Fine brown sand, medium sharp, lots of grits, some gravel	2	95
Casing: 6 inches.		
Screen: 5 feet of 4 inch with bottom at 96 feet.		
Pumping test:		
March 2, 1956. Duration: .....		2 hours
Static water level: .....		62 feet
Yield: .....		45 gpm

N-5685. (C-6) Covell Associates Co., south of Jericho Turnpike and west of Mineola Boulevard, Mineola. Drilled by Eastern Well & Pump Co., January 14, 1956.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel .....	59	59
Casing: 6 inches.		
Screen: 10 feet of 6 inch with bottom at 59 feet.		
Pumping test:		
January 14, 1956. Duration: .....		2 hours
Static water level: .....		25 feet
Drawdown: .....		6 feet
Yield: .....		70 gpm

N-5686. (E-6) City of Glen Cove, north of Morris Avenue and west of Park Place, Glen Cove. Drilled by Mathies Well & Pump Co., Inc., October 27, 1956.

Log:	Thickness (feet)	Depth (feet)
Pit .....	6	6
Sandy gray clay .....	9	15
Coarse sand, gravel, gray clay .....	22	37
Brown clay, little sand .....	13	50
Gray clay .....	10	60
Coarse sand, grits, gravel, brown and gray clay .....	15	75
Coarse sand, brown clay .....	7	82
Brown clay .....	1	83
Coarse sand and gravel .....	11	94
Casing: 6 inches.		
Screen: 9 feet of 4 inch with bottom at 92½ feet.		
Pumping test:		
May 9, 1956. Duration: .....		8 hours
Static water level: .....		11 feet
Drawdown: .....		16 feet
Yield: .....		45 gpm

N-5695. (B-6) Village of Freeport, north of Sunrise Highway and west of Bayview Avenue, Freeport. Drilled by Layne-New York Co., Inc., June 28, 1956.

Log:	Thickness (feet)	Depth (feet)
Top soil .....	2	2
Sand, gravel .....	56	58
Yellow clay .....	7	63
Sand, gravel .....	15	78
Gray clay .....	6	84
Sandy clay, wood, pyrites .....	46	130
Sand, clay, lignite, pyrites .....	80	210
Clay .....	8	218
Muddy sand, lignite, sandstone .....	17	235
Clay, sand, lignite .....	4	239
Sandy clay, lignite .....	6	245
Sand, lignite .....	10	255
Fine muddy sand .....	30	285
Sand, clay, lignite .....	12	297
Clay .....	11	308
Fine sand, lignite .....	28	336
Muddy sand, lignite .....	7	343
Fine sand, lignite .....	35	378
Hard clay .....	1	379
Muddy sand, lignite, clay .....	16	395
Sand .....	19	414
Muddy sand, clay, lignite .....	6	420
Clay .....	3	423
Muddy sand, lignite, small streaks clay .....	15	438
Clay, sand, lignite .....	5	443
Fine sand .....	17	460
Medium sand, lignite .....	10	470
Clay .....	1	471
Fine sand, lignite .....	16	487
Clay streaks, sand .....	24	511
Fine sand, lignite .....	21	532
Sandy clay .....	22	554

Casing: 18 inches.

Screen: 60 feet of 12 inch with bottom at 526 feet.

Pumping test:

March 7, 1956.	Duration: .....	8 hours
	Static water level: .....	14 feet
	Drawdown: .....	40 feet
	Yield: .....	1421 gpm

N-5696. (B-7) Village of Freeport, south of Northeast Water Shed and east of Lakeview Avenue, Freeport. Drilled by Layne-New York Co., Inc., October 24, 1956.

Log:	Thickness (feet)	Depth (feet)
Top soil .....	2	2
Brown coarse sand and gravel .....	43	45
Brown sand and clay .....	10	55
Yellow sand, clay streaks .....	35	90
Yellow sandy clay .....	39	129
Tough black clay and wood .....	11	140
Gray sandy clay .....	57	197
Medium gray sand, wood .....	45	242

(Continued on next page)

N-5696. (Continued)

	Thickness (feet)	Depth (feet)
Tough black clay .....	47	289
Muddy sand .....	11	300
Hard-packed sand .....	50	350
Packed muddy gray sand .....	35	385
Sandy clay .....	21	406
Gray sand and clay streaks .....	36	442
Tough clay .....	3	445
Sandy clay .....	15	460
Fine gray sand .....	10	470
Coarse sand, wood, pyrites, streaks of clay .....	51	521
Tough clay .....	7	528
Clay, sandy clay and wood .....	27	555
Gray sand, clay .....	10	565

Casing: 18 and 12 inches.

Screen: 50 feet of 12 inch with bottom at 518 feet.

Pumping test:

April 16, 1956.	Duration: .....	8 hours
	Static water level: .....	5 feet
	Drawdown: .....	35 feet
	Yield: .....	1404 gpm

N-5700. (C-6) The Garden City Co. (Gristedes), south of 7th Street and west of Franklin Avenue, Garden City. Drilled by Mathies Well & Pump Co., Inc., January 20, 1956.

Log:	Thickness (feet)	Depth (feet)
Coarse sand and gravel .....	50	50
Medium fine sand and gravel .....	9	59

Casing: 6 inches.

Screen: 10 feet of 4 inch with bottom at 59 feet.

Pumping test:

January 20, 1956.	Duration: .....	2 hours
	Static water level: .....	20½ feet
	Drawdown: .....	4 feet
	Yield: .....	100 gpm

N-5703. (C-8) Massapequa Water District, north of Maryland Avenue and east of Ocean Avenue, Massapequa. Drilled by C. W. Lauman & Co., Inc., August 10, 1956.

Log:	Thickness (feet)	Depth (feet)
Coarse brown sand and gravel .....	50	50
Coarse brown sand and some grit .....	24	74
Solid gray clay .....	6	80
Streaks of gray clay, heavy gravel, shells .....	5	85
Solid gray clay, pyrite and lignite .....	10	95
Solid gray clay and pyrite .....	12	107
Fine gray sand, sandy clay, pyrite and lignite .....	16	123
Fine to coarse gray sand, some clay .....	5	128
Fine gray sand, mica and lignite .....	5	133
Coarse gray sand, streaks of solid gray clay and lignite .....	8	141
Coarse gray sand and lignite .....	6	147
Solid gray clay .....	7	154
Fine gray sand, streaks of solid gray clay and lignite .....	20	174
Fine gray sand, streaks of clay, grit and mica .....	8	182

N-5703. (Continued)

	Thickness (feet)	Depth (feet)
Solid gray clay and lignite .....	10	192
Solid gray clay and pyrite .....	11	203
Fine gray sand, lumps clay, lignite, mica and some grit .....	20	223
Fine gray sand, layers of sandy clay .....	5	228
Solid gray clay .....	3	231
Fine gray sand, some clay .....	1	232
Solid and sandy clay .....	3	235
Fine gray sand and sandy clay .....	5	240
Solid and sandy clay .....	3	243
Fine gray sand, some clay and lignite .....	9	252
Sandy gray clay and streaks of fine gray sand .....	12	264
Fine gray sand, lignite and some clay .....	10	274
Fine gray sand, lignite, some clay and mica .....	30	304
Streaks of sandy clay and solid clay .....	12	316
Fine gray sand, lignite and lump of clay, mica .....	36	352
Solid gray clay .....	15	367
Layers of gray sand and sandy clay .....	24	391
Fine gray sand and pieces of clay and mica .....	10	401
Fine gray sand and lignite .....	10	411
Fine gray sand, lignite and mica .....	40	451
Fine gray sand, lignite, pyrite and mica .....	8	459

Casing: 18 inches.

Screen: 30 feet of 12 inch with bottom at 414 feet.

30 feet of 12 inch with bottom at 459 feet.

Pumping test:

April 2, 1956.	Duration: .....	7½ hours
	Static water level: .....	8½ feet
	Drawdown: .....	48 feet
	Yield: .....	1404 gpm

N-5705. (D-8) Town of Oyster Bay, south of Yoakum Road and east of Claremont Street, Old Bethpage. Drilled by Mathies Well & Pump Co., Inc., December 19, 1956.

Log:	Thickness (feet)	Depth (feet)
Brown sandy clay and gravel .....	20	20
Brown sand and gravel .....	10	30
Brown sand and gravel .....	15	45
Gray sandy clay .....	20	65
Brown sandy clay.....	15	80
Brown and gray clay mixed .....	30	110
Brown sandy clay .....	20	130
Fine brown sandy clay .....	45	175
Coarse white sand .....	8	183
Brown sandy clay .....	38	221
Dirty red sandy clay .....	9	230
Brown and gray clay, mixed .....	20	250
Gray clay and sand, mixed .....	35	285
White and gray clay .....	10	295
Hard brown clay and sand, mixed .....	35	330
Sand and brown clay, mixed .....	57	387
Coarse brown dirty sand .....	6	393
Gray and brown clay, mixed .....	3	396
Fine brown muddy sand .....	20	416
Brown sand and white clay, mixed .....	17	433
Fine brown muddy sand .....	20	453

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N-5705. (Continued)

	Thickness (feet)	Depth (feet)
Layer brown hardpan .....	2	455
Fine brown dirty sand .....	34	489
Fine yellow sand and small grits .....	3	492
Hard gray clay .....	11	503
Orange colored sand and white clay, mixed .....	10	513

Casing: 12 inches.

Screen: 42 feet of 12 inch with bottom at 492 feet.

Pumping test:

August 24, 1956.	Duration: .....	1 hour
	Static water level: .....	85 feet
	Drawdown: .....	95 feet
	Yield: .....	850 gpm

N-5708. (D-6) Helena Rubenstein, Inc., south of North Hempstead Turnpike and west of Guinea Woods Road, East Hills. Drilled by C. W. Lauman & Co., Inc., August 23, 1956.

Log:	Thickness (feet)	Depth (feet)
Top soil, loam, large stones .....	8	8
Fine to coarse brown sand, mica, large stones and boulders .....	20	28
Fine to coarse brown sand, grits, gravel and large stones ....	60	88
Fine to coarse brown sand, grits and gravel .....	35	123
Fine brown sand and gravel (hard drilling) .....	5	128
Fine brown sand, mica, lumps of clay .....	10	138
Fine brown sand, mica, lumps of clay, grits .....	6	144
Solid brown clay .....	4	148
Fine to coarse brown sand, mica and grits .....	10	158
Fine to coarse brown sand, grits, gravel and boulders .....	17	175
Fine to medium brown sand, grits .....	15	190
Fine to coarse brown sand, grits .....	24	214
Fine to coarse brown sand, grits and gravel .....	22	236
Coarse red sand and grits .....	5	241
Fine to coarse red sand and grits .....	2	243
Fine to coarse brown sand, grits, gravel and boulders .....	3	246

Casing: 8 inches.

Screen: 31 feet of 8 inch with bottom at 242 feet.

Pumping test:

August 23, 1956.	Duration: .....	8 hours
	Static water level: .....	148 feet
	Drawdown: .....	10 feet
	Yield: .....	275 gpm

Note: Water temperature 53° Fahrenheit.

N-5709. (B-6) L. Sarant, south of Meister Boulevard and east of Sterling Avenue, Baldwin Bay. Drilled by C. W. Lauman & Co., Inc., July 11, 1956.

Log:	Thickness (feet)	Depth (feet)
Black muck .....	10	10
Fine sand and muck .....	5	15
Sand and gravel .....	5	20
Coarse brown sand and gravel .....	10	30
Fine gray sand .....	8	38
Fine gray sand, mixed with pieces of gray clay .....	2	40
Soft black clay .....	5	45

N-5709. (Continued)

	Thickness (feet)	Depth (feet)
Coarse sand and gravel .....	5	50
Soft gray clay .....	15	65
Fine muddy sand .....	5	70
Fine gray sand .....	20	90
Fine and coarse clean sand .....	5	95
Gray fine sand, little dirty .....	5	100

Casing: 4 inches.

Screen: 11 feet of 4 inch with bottom at 100 feet.

Pumping test:

July 11, 1956. Duration: .....	2 hours
Static water level: .....	flows
Drawdown: .....	80 feet
Yield: .....	44 gpm

N-5710. (D-5) Manhasset-Lakeville Water District, south of Horace Harding Expressway and Community Drive, Manhasset. Drilled by Layne-New York Co., Inc., January 11, 1957.

Log:	Thickness (feet)	Depth (feet)
Hardpan, boulders .....	10	10
Sand, gravel, boulders .....	17	27
Clay, boulders .....	1	28
Sand, gravel, boulders .....	8	36
Sand, clay, boulders .....	4	40
Sand, gravel, boulders .....	11	51
Brown sand, gravel, boulders .....	8	59
Gray sand, gravel, boulders .....	13	72
Red clay .....	1	73
Hardpan, boulders .....	5	78
Sand, gravel, boulders .....	7	85
Sand, gravel .....	18	103
Hard packed sand, gravel, clay .....	17	120
Blue clay .....	86	206
Streaks sand, blue clay .....	9	215
Blue clay, lignite .....	9	224
Streaks sand, blue clay .....	42	266
Orange clay .....	2	268
Blue clay, streaks sand .....	17	285
Orange clay .....	2	287
Muddy sand, orange clay .....	5	292
Sand, gravel, red-white clay .....	14	306
Red clay .....	2	308
Streaks sand, orange clay .....	14	322
Orange clay .....	1	323
Sand, gravel .....	10	333
Orange clay .....	1	334
Sand .....	5	339
Orange clay, iron oxide .....	1	340
Sand .....	2	342
White clay .....	1	343
Sand, gravel .....	31	374
Red-orange clay .....	3	377
Sand, gravel .....	11	388
Muddy sand, gravel .....	3	391
Sand, gravel, clay .....	5	396

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N-5710. (Continued)

Casing: 20 inches.

Screen: 60 feet of 12 inch with bottom at 384 feet.

Pumping test:

January 11, 1957. Duration: ..... 8 hours  
 Static water level: ..... 114 feet  
 Drawdown: ..... 96 feet  
 Yield: ..... 1400 gpm

N-5725. (C-6) Newsday, Inc., south of Stewart Avenue and east of Clinton Road, Garden City. Drilled by Eastern Well & Pump Co., March 2, 1956.

Log:	Thickness (feet)	Depth (feet)
Top soil and loam .....	8	8
Coarse brown sand and gravel .....	48	56
Fine to medium sand .....		below 56

Casing: 10 inches.

Screen: 10 feet of 8 inch with bottom at 56 feet.

Pumping test:

March 2, 1956. Duration: ..... 3 hours  
 Static water level: ..... 15½ feet  
 Drawdown: ..... 12½ feet  
 Yield: ..... 250 gpm

N-5743. (D-4) Robert Zwerling, south of Soundview Lane and west of Kings Point Road, Kings Point. Drilled by Eastern Well & Pump Co., June 4, 1956.

Log:	Thickness (feet)	Depth (feet)
Fill .....	4	4
Dark brown sandy clay, large stones and rocks .....	8	12
Brown sandy clay .....	8	20
Fairly clean sand, grit and gravel .....	3	23
Gray-brown medium coarse sand, grit, gravel, large stones	7	30
Gray-brown fine sand, grit, gravel and mica .....	3	33
Fine to medium brown sand, grit, gravel .....	4	37
Medium to coarse brown sand, sharp and clean, grit and gravel .....	15	52

Casing: 6 inches.

Screen: 5 feet of 6 inch with bottom at 52 feet.

Pumping test:

June 4, 1956. Duration: ..... 3 hours  
 Static water level: ..... 30 feet  
 Drawdown: ..... 5 feet  
 Yield: ..... 45 gpm

N-5746. (C-7) Meadowbrook Bank, south of Hempstead Turnpike and west of Prospect Avenue, East Meadow. Drilled by Mathies Well & Pump Co., Inc., May 7, 1956.

Log:	Thickness (feet)	Depth (feet)
Coarse sand and gravel .....	53	53

Casing: 4 inches.

Screen: 5½ feet of 4 inch with bottom at 53 feet.



N-5746. (Continued)

Pumping test:  
May 7, 1956. Duration: ..... 2 hours  
Static water level: ..... 21 feet  
Yield: ..... 45 gpm

N-5749. (C-7) Irving Newman, south of Meadowbrook Road and west of Merriek Avenue, East Meadow. Drilled by Eastern Well & Pump Co., April 13, 1956.

Log:	Thickness (feet)	Depth (feet)
Fill .....	4	4
Light brown sand, grits and gravel .....	32	36
Fine to medium yellowish-brown sand, few grits .....	8	44
Coarse to medium light brown sand, lots of grits and gravel .....	12	56

Casing: 6 inches.  
Screen: 9 feet of 4 inch with bottom at 56 feet.

Pumping test:  
April 13, 1956. Duration: ..... 3 hours  
Static water level: ..... 15 feet  
Drawdown: ..... 6 $\frac{1}{4}$  feet  
Yield: ..... 75 gpm

N-5750. (C-8) The Franklin National Bank, north of Conklin Street and west of Main Street, Farmingdale. Drilled by Eastern Well & Pump Co., April 30, 1956.

Log:	Thickness (feet)	Depth (feet)
Light brown coarse to medium sand, grits and gravel .....	6	6
Light brown medium to fine sand .....	27	33

Casing: 6 inches.  
Screen: 5 feet of 4 inch with bottom at 32 feet.

Pumping test:  
April 3, 1956. Duration: ..... 3 hours  
Static water level: ..... 4 $\frac{1}{2}$  feet  
Drawdown: ..... 6 $\frac{1}{2}$  feet  
Yield: ..... 60 gpm

N-5755. (B-5) Mr. Rosoff, southwest of Central and Lord Avenues, Lawrence. Drilled by Eastern Well & Pump Co., March 16, 1956.

Log:	Thickness (feet)	Depth (feet)
Top soil .....	2	2
Yellow-brown sand, grit and gravel .....	6	8
Yellow-brown sand, grit and gravel, large stones .....	1	9
Light brown clean sand, grit and gravel .....	5	14
Hard-packed gray sand .....	6	20
Heavy formation grit, gravel and stones .....	6	26
Light brown sand, grit, gravel .....	12	38

Casing: 4 inches.  
Screen: 4 feet of 4 inch with bottom at 37 feet.

Pumping test:  
April 12, 1956. Duration: ..... 2 hours  
Static water level: ..... 17 feet  
Yield: ..... 15 gpm

N-5757. (D-5) Fireproof Realty Corporation, east of Cutter Mill Road and north of Ipswich Avenue, Great Neck. Drilled by Mathies Well & Pump Co., Inc., April 9, 1956.

Log:	Thickness (feet)	Depth (feet)
Fill .....	12	12
Hardpan .....	10	22
Brown sandy clay and small gravel .....	46	68
Fine brown sand and small gravel .....	15	83
Coarse brown sand and grits .....	12	95

Casing: 6 inches.

Screen: 12 feet of 6 inch with bottom at 95 feet.

Pumping test:

April 9, 1956.	Duration: .....	2 hours
	Static water level: .....	54 feet
	Drawdown: .....	10 feet
	Yield: .....	100 gpm

N-5758. (C-6) Bartender's Local #165, east of Greenwich Street and north of Elmwood Avenue, Hempstead. Drilled by Mathies Well & Pump Co., Inc., July 19, 1956.

Log:	Thickness (feet)	Depth (feet)
Coarse sand and gravel .....	30	30
Medium fine sand and grits .....	16	46

Casing: 4 inches.

Screen: 6 feet of 4 inch with bottom at 46 feet.

Pumping test:

June 25, 1956.	Duration: .....	2 hours
	Static water level: .....	14 feet
	Drawdown: .....	4 feet
	Yield: .....	30 gpm

N-5762. (E-6) New York Water Service Corporation, Roxbury Pumping Station, westerly end of Nancy Court, Glen Cove. Drilled by C. W. Lauman & Co., Inc., July 10, 1956.

Log:	Thickness (feet)	Depth (feet)
Fine to coarse sand, grits, gravel and large stones .....	20	20
Fine brown sand, mica, lignite and some gravel .....	5	25
Brown sticky and sandy clay .....	4	29
Boulders and large stones imbedded in brown sticky clay .....	10	39
Fine to medium brown sand, grit, gravel and boulders .....	30	69
Fine to coarse gray sand, grit, gravel and boulders .....	27	96
Fine to coarse brown sand, grit and gravel .....	6	102
Heavy gray sandy clay .....	3	105
Very fine gray sand (hard drilling) .....	5	110
Fine to coarse brown sand and grits .....	17	127
Solid and sandy brown clay .....	10	137
Layers of sandy clay, fine to medium brown sand, grits and gravel .....	9	146
Fine brown sand, mica and layers hardpan .....	5	151
Fine to coarse brown sand, grit, gravel, hardpan and some clay .....	9	160
Solid and sandy multi-colored clay .....	10	170
Solid gray clay .....	1	171
Fine gray sand, layers of sandy clay .....	4	175
Fine gray sand, grit, multi-colored sandy clay .....	6	181

N-5762. (Continued)	Thickness (feet)	Depth (feet)
Fine to coarse brown sand, grit .....	7	188
Fine brown sand and some clay .....	5	193
Fine to coarse gray sand and grit .....	17	210
Solid multi-colored clay .....	5	215
Fine gray sand, streaks sandy clay .....	3	218
Coarse brown sand, grits and gravel .....	10	228
Coarse brown sand, grits, gravel and some clay .....	10	238
Fine to coarse brown sand, grits and gravel .....	16	254
Fine to coarse sand, heavy gravel and lumps clay .....	16	270
Medium coarse gray sand and some grits .....	3	273
Fine to coarse sand, heavy gravel and layers solid clay .....	7	280
Solid white clay .....	7	287

Casing: 18 inches.

Screen: 59 feet of 18 inch with bottom at 280 feet.

Pumping test:

July 5, 1956. Duration: ..... 2 hours  
 Static water level: ..... 81 feet  
 Drawdown: ..... 31 feet  
 Yield: ..... 1893 gpm

N-5765. (C-6) M. Di Girolamo, Pine Street, Garden City. Drilled by S. J. Breen Co., Inc., April 6, 1956.

Log:	Thickness (feet)	Depth (feet)
Coarse sand and gravel .....	37	37

Casing: 4 inches.

Screen: 5 feet of 3½ inch with bottom at 37 feet.

Pumping test:

April 6, 1956. Duration: ..... 4 hours  
 Static water level: ..... 11 feet  
 Drawdown: ..... 5 feet  
 Yield: ..... 30 gpm

N-5767. (B-8) New York Water Service Corporation, north of De Mott Avenue and west of Seaman Neck Road, Wantagh. Drilled by C. W. Lauman & Co., Inc., April 30, 1956.

Log:	Thickness (feet)	Depth (feet)
Loam .....	3	3
Coarse brown sand, grits, gravel .....	41	44
Fine brown sand, grits, gravel .....	10	54
Fine brown sand, mica, gravel .....	5	59
Fine brown sand, mica .....	8	67
Solid gray clay .....	40	107
Fine gray sand, sandy clay, pyrite .....	19	126
Solid gray clay .....	7	133
Fine gray sand, streaks clay .....	20	153
Fine gray sand, mica .....	4	157
Sandy gray clay .....	8	165
Solid dark gray clay .....	7	172
Fine gray sand, some clay, mica .....	35	207
Gray sandy clay, lignite .....	23	230
Fine gray sand, lignite, some clay .....	25	255

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N-5767. (Continued)

	Thickness (feet)	Depth (feet)
Fine gray sand, lignite .....	37	292
Solid gray sandy clay, lignite, pyrite .....	3	295
Fine gray sand, bits of clay .....	4	299
Sandy gray clay, lignite .....	4	303
Fine gray sand, streaks clay .....	15	318
Fine gray sand, lignite, pyrite .....	2	320
Solid gray clay, pyrite .....	13	333
Fine gray sand, streaks clay .....	2	335
Very fine gray sand .....	46	381

Casing: 16 and 12 inches.

Screen: 10 feet of 12 inch with bottom at 315 feet.

50 feet of 12 inch with bottom at 384 feet.

Pumping test:

April 27, 1956.	Duration: .....	8 hours
	Static water level: .....	16 feet
	Drawdown: .....	40 feet
	Yield: .....	1421 gpm

N-5768. (B-6) Shelbourne Grand Hotel, north of Lido Boulevard and east of Allevard Street, Lido Beach. Drilled by C. W. Lauman & Co., Inc., April 5, 1956.

Log:	Thickness (feet)	Depth (feet)
Fill .....	5	5
Bog .....	1	6
Fine gray sand, lumps of clay .....	68	74
Green clay .....	56	130
Fine gray sand, grits .....	5	135
Fine gray sand, some clay, grits .....	11	146
Gray sand, some clay, streaks of lignite .....	16	162
Fine gray sand .....	85	247
Fine gray sand, streaks of lignite and clay .....	15	262
Clay .....	17	279
Layers of fine gray sand, sandy clay and lignite .....	23	302
Fine gray sand, streaks of pyrite .....	29	331
Fine gray sand, streaks of pyrite and lignite .....	28	359
Layers of fine gray sand, clay and pyrite .....	8	367
Black clay .....	9	376
Layers of fine gray sand, sandy clay, lignite and pyrite .....	31	407
Layers of fine gray sand, sandy clay and clay .....	25	432
Fine gray sandy clay, lignite and pyrite .....	16	448
Fine gray sand .....	82	530

Casing: 12 inches.

Screen: 21 feet of 6 inch with bottom at 466 feet.

22 feet of 6 inch with bottom at 530 feet.

Pumping test:

June 14, 1957.	Duration: .....	4 hours
	Static water level: .....	1 foot
	Drawdown: .....	43 feet
	Yield: .....	550 gpm

N-5776. (C-7) R. R. McGregor, south of North Bellmore Road and east of Hempstead Turnpike, Levittown. Drilled by Ted Kalmuk, April 13, 1956.

Log:	Thickness (feet)	Depth (feet)
Coarse sand and gravel .....	49	49

N-5776. (Continued)

Casing: 4 inches.

Screen: 6 feet of 3¾ inch with bottom at 49 feet.

Pumping test:

April 12, 1956. Duration: ..... 4 hours  
 Static water level: ..... 20 feet  
 Yield: ..... 52 gpm

N-5792. (E-6) Sea Cliff Water Co., north of Roslyn Drive and east of Long Island Railroad, Glen Head. Drilled by Layne-New York Co., Inc., November 7, 1956.

Log:	Thickness (feet)	Depth (feet)
Brown clay .....	4	4
Brown sand and gravel .....	35	39
Brown sandy clay and hard streaks .....	31	70
Hard brown sand .....	48	118
Soft gray clay .....	20	138
Hard packed brown sand .....	36	174
Brown clay .....	2	176
Hard brown sand .....	4	180
Brown clay .....	12	192
Sand and gravel, streaks of white clay .....	49	241
White clay .....	4	245
Sand and gravel .....	53	298
Clay .....	3	301
Sand and gravel, clay streaks .....	10	311
Sand and gravel and clay streaks .....	22	333
Tough clay .....	11	344
Sand and gravel, clay streaks .....	17	361

Casing: 24, 20 and 12 inches.

Screen: 40 feet of 12 inch with bottom at 295 feet.

Pumping test:

November 7, 1956. Duration: ..... 8 hours  
 Static water level: ..... 84 feet  
 Drawdown: ..... 6 feet  
 Yield: ..... 1050 gpm

N-5797. (B-5) Samuel Jacobs, north of Willow Road and east of Keen Lane, Woodburgh. Drilled by Eastern Well & Pump Co., April 18, 1956.

Log:	Thickness (feet)	Depth (feet)
Fill .....	6	6
Yellow-brown sand, grit and gravel .....	4	10
Fine dirty gray sand .....	1	11
Light brown sand, fine and dirty .....	9	20
Yellow-brown sand, heavy gravel, stones and grit .....	14	34

Casing: 4 inches.

Screen: 4 feet of 4 inch with bottom at 30 feet.

Pumping test:

May 28, 1956. Duration: ..... 2 hours  
 Static water level: ..... 11 feet  
 Drawdown: ..... 3 feet  
 Yield: ..... 45 gpm

N-5803. (C-8) New York City, Department of Water Supply, Gas & Electricity, Massapequa Pumping Station, Massapequa. Drilled by owner, March 28, 1956.

Log:	Thickness (feet)	Depth (feet)
Top soil .....	2	2
Coarse brown sand and gravel .....	43	45
Muddy gray sand .....	5	50
Gray clay .....	10	60
Sandy gray clay .....	15	75
Medium gray sand .....	5	80
Fine gray sand and clay .....	16	96
Gray clay .....	1	97
Fine gray muddy sand .....	7	104
Medium gray water sand .....	22	126

Casing: 8 inches.

Screen: 10¾ feet of 8 inch with bottom at 136 feet.

Pumping test:

March 26, 1956. Duration: ..... 1 hour  
Static water level: ..... 3 feet

N-5848. (C-8) New York Water Service Corp., Massapequa. Drilled by C. W. Lauman & Co., Inc., June 29, 1956.

Log:	Thickness (feet)	Depth (feet)
Coarse sand and gravel.....	60	60
Fine to coarse brown sand and grit .....	8	68
Fine brown sand .....	10	78
Fine gray sand, gravel and lumps clay .....	6	84
Fine gray sand, mica and pyrite .....	10	94
Fine gray sand, mica, lignite, pyrite and sandy clay .....	27	121
Fine gray sand, mica and lignite .....	20	141
Fine gray sand, mica, lignite and pyrite .....	10	151
Fine gray sand, mica and lignite .....	30	181
Fine gray sand, mica, lignite and lumps clay .....	10	191
Fine to medium gray sand, mica, lignite, pyrite and some clay .....	17	208
Medium coarse gray sand, mica and lignite .....	20	228
Fine to medium gray sand, mica, lignite and lumps clay	4	232
Gray sandy clay .....	6	238
Fine gray sand, sandy clay and pyrite .....	7	245
Sandy clay, pyrite and lignite .....	1	246
Solid gray clay, lignite and pyrite .....	4	250
Fine gray sand, streaks solid clay, lignite and pyrite .....	1	251
Solid gray clay and layers sandy clay .....	4	255
Fine gray sand, mica, layers sandy clay and lignite .....	26	281
Fine to medium coarse gray sand, lignite and pyrite .....	10	291
Fine gray sand, mica, lignite, pyrite and pieces of clay .....	45	337
Fine gray sand and mica .....	7	344

Casing: 16 and 12 inches.

Screen: 26 feet of 12 inch with bottom at 230 feet.

15 feet of 12 inch with bottom at 285 feet.

30 feet of 12 inch with bottom at 335 feet.

Pumping test:

June 6, 1956. Duration: ..... 7 hours  
Static water level: ..... 12 feet  
Drawdown: ..... 33 feet  
Yield: ..... 1739 gpm

N-5852. (D-6) Roslyn Water District, east of Sycamore Drive, Roslyn. Drilled by Layne-New York Co., Inc., June 6, 1957.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel .....	95	95
Hard streaks gravel and sand .....	90	185
Sand, streaks yellow red clay .....	30	215
Sand, gravel and red clay .....	45	260
Sand, red yellow and gray clay .....	26	286
Hard clay .....	3	289
Hard packed sand and clay streaks .....	80	369
Hard packed sand and clay streaks .....	31	400
White clay .....	4	404
Sandy white clay .....	15	419
Sand and red clay .....	10	429
White clay .....	6	435
Coarse gray sand, some clay .....	25	460
Sand and gravel .....	10	470
Sand and gravel .....	12	482
Clay .....	4	486
Sand and clay .....	14	500
Hard streaks clay .....	20	520

Casing: 24, 18 and 12 inches.

Screen: 50 feet of 12 inch with bottom at 482 feet.

Pumping test:

June 6, 1957. Duration: ..... 4 hours  
 Static water level: ..... 175 feet  
 Drawdown: ..... 63 feet  
 Yield: ..... 1250 gpm

N-5853. (B-6) The Franklin National Bank, south of Sunrise Highway and west of Morris Avenue, Rockville Centre. Drilled by Eastern Well & Pump Co., June 6, 1956.

Log:	Thickness (feet)	Depth (feet)
Medium to coarse brown sand, grits and gravel .....	42	42

Casing: 6 inches.

Screen: 10 feet of 6 inch with bottom at 42 feet.

Pumping test:

June 11, 1956. Duration: ..... 2 hours  
 Static water level: ..... 2 feet  
 Drawdown: ..... 13 feet  
 Yield: ..... 90 gpm

Note: Measurements from cellar floor 10 feet below grade.

N-5876. (D-5) Port Washington Water District, north of Chestnut Road and west of Port Washington Boulevard, Port Washington. Drilled by Layne-New York Co., Inc., June 10, 1957.

Log:	Thickness (feet)	Depth (feet)
Fill .....	15	15
Brown sand, gravel .....	8	23
White sand, gravel, clay .....	5	28

(Continued on next page)

N-5876. (Continued)

	Thickness (feet)	Depth (feet)
Various color clay .....	19	47
Muddy fine sand .....	13	60
Clay, sand, large gravel .....	24	84
Fine white sand .....	2	86
White yellow clay, iron oxide .....	8	94
Blue clay .....	10	104
Fine gray sand .....	11	115
Sandy clay, various colors .....	16	131
Fine sand, some clay .....	4	135
Gray clay .....	7	142
Red white clay .....	6	148
White brown clay .....	10	158
Fine gray sand .....	21	179
Sand, gravel .....	8	187
Sand, gravel, clay .....	11	198
Clay .....	3	201
Sand, coarse gravel .....	17	218
Clay, streaks sand .....	7	225
Fine gray sand, some clay .....	14	239
Sandy clay .....	10	249
Fine muddy sand .....	6	255
Sandy clay .....	5	260
Fine muddy sand .....	8	268
Blue-black clay .....	27	295

Casing: 30, 20 and 12 inches.

Screen: 70 feet of 12 inch with bottom at 238 feet.

Pumping test:

June 10, 1957.	Duration: .....	6 hours
	Static water level: .....	58 feet
	Drawdown: .....	49 feet
	Yield: .....	560 gpm

N-5883. (D-6) Helena Rubenstein, Inc., south of North Hempstead Turnpike and west of Guinea Woods, East Hills. Drilled by C. W. Lauman & Co., Inc., May 23, 1956.

Log:	Thickness (feet)	Depth (feet)
Top soil .....	2	2
Coarse brown sand, grits and gravel .....	70	72
Same as above, with lumps clay .....	87	159
Coarse brown sand, grits, hardpan, little clay .....	8	167
Brown sand, grits, gravel .....	5	172
Same as above, with hardpan .....	5	177
Fine brown sand and sandy clay .....	5	182
Fine brown sand, streaks sandy clay .....	7	189
Fine brown sand, fine sandy clay .....	13	202
Multi-colored sand, streaks solid clay .....	5	207
Multi-colored sand and sandy clay .....	4	211
Brown sand, gravel, grits, some clay .....	4	215
Fine multi-colored sand, some clay and sandy clay .....	5	220
Multi-colored sand, streaks sandy clay .....	3	223
Multi-colored sand, sandy clay and solid clay .....	3	226

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 215 feet.

Static water level: ..... 155 feet

Note: This well is used as an observation well.



N-5884. (D-5) Citizens Water Supply Company of Newtown, south of Ravine Road and west of East Shore Road, Great Neck. Drilled by C. W. Lauman & Co., Inc., February 8, 1957.

Log:	Thickness (feet)	Depth (feet)
Top soil, loam and boulders .....	3	3
Fine to coarse brown sand, grits and gravel .....	15	18
Coarse brown sand, grits, heavy gravel .....	30	48
Layers brown sand and sandy clay .....	9	57
Fine to coarse brown sand, grits, gravel, layers clay .....	8	65
Solid gray clay .....	5	70
Multi-colored clay, sandy clay, hardpan .....	12	82
Fine gray sand, mica, layers clay, hardpan .....	8	90
Fine to medium coarse brown sand, grits .....	17	107
Sandy gray clay, layers very fine sand .....	11	118
Fine gray sand, grits, sandy and solid clay .....	5	123
Fine gray sand, some clay, mica .....	6	129
Fine to coarse brown sand, grits, some clay .....	4	133
Fine brown sand, mica .....	5	138
Fine to coarse brown sand, grits, gravel, some clay .....	3	141
Multi-colored sandy clay, grits, gravel .....	2	143
Coarse brown sand, grits, gravel, some clay .....	10	153
Coarse brown sand, grits, gravel, sandy clay .....	9	162
Fine to coarse brown sand, grits, gravel, multi-colored clay .....	1	163
Solid multi-colored clay .....	1	164
Heavy stones imbedded in clay .....	2	166

Casing: 18 inches.

Screen: 15 feet of 18 inch with bottom at 107 feet.

26 feet of 18 inch with bottom at 143 feet.

20 feet of 18 inch with bottom at 163 feet.

Pumping test:

July 28, 1956.	Duration: .....	2	hours
	Static water level: .....	50½	feet
	Drawdown: .....	33	feet
	Yield: .....	1200	gpm

N-5885. (B-5) O. H. Payne, northwest of Ocean Avenue and Longwood Crossing, Lawrence. Drilled by Eastern Well & Pump Co., June 20, 1956.

Log:	Thickness (feet)	Depth (feet)
Top soil and dirty sand and gravel .....	4	4
Fine brown sand, dirty grits and gravel .....	4	8
Fine to medium gray-brown sand .....	20	28
Hard brown clay .....	1	29
Red-brown sand, mostly grit and gravel .....	3	32
Brown medium to coarse sand, fairly clean sand, grit and gravel .....	11	43
Light brown medium to coarse sand, lot of grit and gravel ....	3	46

Casing: 6 inches.

Screen: 5 feet of 6 inch with bottom at 46 feet.

Pumping test:

May 22, 1956.	Duration: .....	3	hours
	Static water level: .....	17	feet
	Drawdown: .....	5⅔	feet
	Yield: .....	45	gpm

N-5886. (B-7) J. Nasso, south of Sunrise Highway and east of Hewlett Avenue, Merrick. Drilled by Eastern Well & Pump Co., May 24, 1956.

Log:	Thickness (feet)	Depth (feet)
Top soil and fill .....	3	3
Sand, gray clay .....	3	6
Red-brown sand with gravel .....	1	7
Clean sand, grit, gravel .....	1	8
Dark brown sand, grit and gravel, coarse and sharp .....	12	20
Clean light brown sand, grit and gravel .....	13	33
Casing: 4 inches.		
Screen: 5 feet of 4 inch with bottom at 35 feet.		
Pumping test:		
May 24, 1956. Duration: .....		3 hours
Static water level: .....		8 feet
Drawdown: .....		5 feet
Yield: .....		40 gpm

N-5890. (C-8) Skat Realty Corporation, north of Hempstead Turnpike and west of Merritt Road, Farmingdale. Drilled by Eastern Well & Pump Co., July 24, 1956.

Log:	Thickness (feet)	Depth (feet)
Fill .....	10	10
Light brown sand and gravel .....	13	23
Fine brown dirty sand, few grits .....	26	49
Fine light brown dirty sand, mica .....	11	60
Fine brown soupy sand, some mica .....	30	90
Fine brown soupy sand, few grits .....	14	104
Light brown fairly clean, fine to medium sand .....	4	108
Gray soupy sand .....	7	115
Dark brown soupy sand .....	10	125
Light brown sharp fine to medium sand, lot grits .....	9	134
Fine multi-colored sand, layer hardpan and mica .....	2	136
Casing: 6 inches.		
Screen: 6 feet of 6 inch with bottom at 132 feet.		
Pumping test:		
July 24, 1956. Duration: .....		3 hours
Static water level: .....		24 feet
Drawdown: .....		15 feet
Yield: .....		120 gpm

N-5891. (C-6) Knott Hotels Corporation (Garden City Hotel) north of 7th Avenue and west of Hilton Avenue, Garden City. Drilled by Eastern Well and Pump Co., June 12, 1956.

Log:	Thickness (feet)	Depth (feet)
Fill .....	5	5
Light brown sand, grits and gravel .....	60	65
Light brown sand, grits and small gravel .....	21	86
Clayey sand .....	4	90
Casing: 8 inches.		
Screen: 15 feet of 6 inch, with bottom at 86 feet.		
Pumping test:		
June 12, 1956. Duration: .....		2 hours
Static water level: .....		36 feet
Drawdown: .....		14 feet
Yield: .....		200 gpm

N-5895. (D-5) George Goldberg, 18 Deer Park Road, Kings Point. Drilled by S. J. Breen Co., Inc., August 24, 1956.

Log:	Thickness (feet)	Depth (feet)
Clay and large stones .....	13	13
Coarse sand and gravel with clay .....	22	35
Soft brown clay .....	10	45
Hard gray clay with grit .....	12	57
Brown clay .....	38	95
Sandy clay and grit .....	11	106
Sandy gray clay .....	11	117
Gray clay and gravel .....	4	121
Sandy brown clay .....	3	124
Orange clay .....	2	126
Sand and gravel with clay .....	14	140

Casing: 6 inches.

Screen: 10 feet of 5½ inch with bottom at 140 feet.

Pumping test:

August 24, 1956.	Duration: .....	6 hours
	Static water level: .....	55 feet
	Drawdown: .....	55 feet
	Yield: .....	55 gpm

N-5897. (D-6) Sheridan Bowling Academy, south of Jericho Turnpike and east of Sheridan Boulevard, Mineola. Drilled by Eastern Well & Pump Co., June 4, 1956.

Log:	Thickness (feet)	Depth (feet)
Top soil and fill .....	6	6
Coarse hard light brown sand, grits, gravel and heavy stones .....	49	55
Clean coarse light brown sand, lots of grits .....	13	68

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 68 feet.

Pumping test:

May 31, 1956.	Duration: .....	2 hours
	Static water level: .....	47 feet
	Drawdown: .....	5½ feet
	Yield: .....	45 gpm

N-5899. (D-7) Barclay Street Car Wash Inc., south of East Barclay Street and east of Hicksville Road, Hicksville. Drilled by T. Kalmuk, August 15, 1956.

Log:	Thickness (feet)	Depth (feet)
Pit .....	6	6
Coarse brown sand, heavy gravel .....	21	27
Coarse brown sand .....	24	51
Brown medium coarse sand and large gravel .....	40	91

Casing: 4 inches.

Screen: 11 feet of 4 inch with bottom at 91 feet.

Pumping test:

Duration: .....	3 hours
Static water level: .....	65 feet
Yield: .....	70 gpm

N-5900. (C-6) Hills Super Market, east of Woodfield Avenue and north of Eagle Avenue, Lakeview. Drilled by C. W. Lauman & Co., Inc., October 16, 1956.

Log:	Thickness (feet)	Depth (feet)
Fill .....	3	3
Coarse brown sand .....	9	12
Coarse brown sand and gravel .....	22	34
Yellow-brown sand .....	5	39
Coarse dark brown sand and gravel .....	6	45
Fine brown sand .....	7	52
Coarse red sand, some gravel .....	8	60
Gray clay .....	2	62

Casing: 6 inches.

Screen: 12 feet of 6 inch with bottom at 60 feet.

Pumping test:

October 15, 1956.	Duration: .....	4 hours
	Static water level: .....	9 feet
	Drawdown: .....	4 feet
	Yield: .....	80 gpm

N-5901. (D-7) Certified Redi-Mix Co., Inc., north of Northern State Parkway and west of Miller Place, Jericho. Drilled by Mathies Well & Pump Co., Inc., June 20, 1956.

Log:	Thickness (feet)	Depth (feet)
Top soil and loam .....	3	3
Heavy sand and gravel .....	62	65
Sand and gravel .....	11	76
Yellow clay and sand .....	3	79
Solid yellow clay .....	10	89
Yellow clay and fine sand .....	2	91
Red sand .....	8	99
Coarse sand and grits .....	49	148

Casing: 6 inches.

Screen: 11 feet of 4 inch with bottom at 148 feet.

Static water level: .....	90 feet
Yield: .....	100 gpm

N-5906. (B-6) Polytechnic Institute of Brooklyn, south of Atlantic Avenue and west of West End Avenue, Freeport. Drilled by C. W. Lauman & Co., Inc., June 27, 1956.

Log:	Thickness (feet)	Depth (feet)
Black muck .....	4	4
Dirty coarse brown sand and gravel .....	15	19
Clean brown coarse sand, some gravel .....	6	25
Fine whitish-gray sand and small gravel .....	2	27
Very fine gray beach sand .....	11	38
Fine gray beach sand, lumps of clay .....	2	40
Fine gray sand, clay, some gravel .....	10	50
Coarse gray sand and clay .....	2	52
Fine dark gray beach sand .....	2	54
Fine gray beach sand .....	4	58
Fine whitish-gray beach sand .....	4	62
Fine gray beach sand, lumps of clay .....	3	65
Fine dark gray beach sand .....	7	72
Fine gray beach sand .....	3	75

N-5906. (Continued)	Thickness (feet)	Depth (feet)
Fine dark gray beach sand .....	5	80
Coarse gray sand .....	4	84
Coarse sand with lignite .....	6	90
Very fine gray beach sand .....	10	100
Fine gray beach sand .....	8	108
Lignite and pyrite .....	2	110
Dark gray sand .....	1	111
Casing: 6 inches.		
Screen: 13 feet of 6 inch, with bottom at 86 feet.		
Pumping test:		
June 25, 1956. Duration: .....		8 hours
Static water level: .....		2 feet
Drawdown: .....		3 feet
Yield: .....		30 gpm

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N-5908. (E-8) J. Russell, north of Tiffany Road and west of Rose Lane, Laurel Hollow.  
 Drilled by Fred Habenicht & Sons, January 2, 1957.

Log:	Thickness (feet)	Depth (feet)
Pit .....	8	8
Sand, gravel .....	51	59
Yellow sand and some mica .....	42	101
Yellow sand, gravel .....	29	130
Yellow clay and sand mix .....	10	140
Coarse yellow sand and pebbles .....	16	156
Casing: 4 inches.		
Screen: 5 feet of 4 inch with bottom at 156 feet.		
Pumping test:		
December 1, 1956. Duration: .....		6 hours
Static water level: .....		142 feet
Yield: .....		12 gpm

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N-5912. (C-8) Demo Anselmi, south of Cherry Avenue and east of Broadway, Bethpage.  
 Drilled by C. W. Lauman & Co., Inc., June 26, 1956.

Log:	Thickness (feet)	Depth (feet)
Fill .....	1	1
Loam .....	2	3
Coarse brown sand, gravel .....	31	34
Coarse brown sand, gravel, lumps clay .....	44	78
Medium brown sand, streaks sandy clay .....	9	87
Multi-colored sandy clay, streaks solid clay .....	4	91
Fine brown sand, mica .....	6	97
Fine brown sand, some clay, streaks sandy clay .....	21	118
Multi-colored sandy clay .....	5	123
Fine brown sand, mica, some clay .....	5	128
Multi-colored sandy clay, streaks fine brown sand, solid clay, hardpan .....	10	138
Fine brown sand, mica, some clay .....	7	145
Layers of fine multi-colored and sandy clay .....	5	150
Fine brown sand, mica, some clay, streaks solid clay .....	11	161
Fine brown sand, mica, some clay .....	18	179

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N-5912. (Continued)	Thickness (feet)	Depth (feet)
Multi-colored sandy clay .....	3	182
Solid multi-colored clay, streaks sandy clay .....	6	188
Multi-colored sandy clay .....	10	198
Layers of fine multi-colored sand and sandy clay .....	6	204
Fine brown sand, mica, some clay .....	10	214
Fine brown sand, mica, some clay, streaks sandy clay .....	3	217
Solid gray clay .....	10	227
Gray sandy clay, lignite, streaks fine gray sand .....	5	232
Multi-colored sandy clay, streaks fine brown sand and solid clay .....	5	237
Fine brown sand, mica, some clay, streaks sandy clay .....	11	248
Fine brown sand, some clay, layers sandy clay, streaks solid clay .....	6	254
Solid gray clay, streaks sandy clay .....	4	258
Gray sandy clay, streaks solid clay .....	6	264
Fine gray sand, some clay, streaks solid clay .....	11	275
Solid gray clay, streaks fine gray sand .....	5	280
Fine brown sand, mica, some clay, streaks sandy clay .....	5	285
Fine brown sand, mica, some clay .....	16	301
Gray sandy clay, lignite, layers solid clay .....	4	305
Solid gray clay, streaks pyrite .....	5	310
Fine brown sand, some clay, streaks lignite .....	6	316
Solid gray clay .....	4	320
Fine brown sand, some clay .....	5	325
Fine brown sand, some clay, streaks lignite and sandy clay .....	10	335
Fine gray sand, streaks lignite and pyrite .....	6	341
Solid gray clay .....		below 341

Casing: 6 and 3 inches.

Screen: 20 feet of 4 inch with bottom at 341 feet.

Pumping test:

June 22, 1956.	Duration: .....	8 hours
	Static water level: .....	47 feet
	Drawdown: .....	4 feet
	Yield: .....	40 gpm

N-5919. (B-6) Oceanside Properties Inc., southeast of Long Beach Road and Castleton Court, Oceanside. Drilled by Mathies Well & Pump Co., Inc., August 14, 1956.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel .....	51	51

Casing: 6 inches.

Screen: 11 feet of 4 inch with bottom at 51 feet.

Pumping test:

August 14, 1956.	Duration: .....	4 hours
	Static water level: .....	12 feet
	Drawdown: .....	15 feet
	Yield: .....	150 gpm

N-5920. (C-6) Sharac Restaurant Inc., north of Fulton Avenue and east of Cathedral Avenue, Hempstead. Drilled by Eastern Well & Pump Co., July 10, 1956.

Log:	Thickness (feet)	Depth (feet)
Basement .....	8	8
Medium to coarse brown sand and gravel .....	30	38

N-5920. (Continued)	Thickness (feet)	Depth (feet)
Medium to coarse yellow-brown sand, few grits and gravel	28	66
Fine silty sand .....	4	70
Casing: 6 inches.		
Screen: 10 feet of 6 inch with bottom at 65 feet.		
Pumping test:		
Duration: .....		3 hours
Static water level: .....		19 feet
Drawdown: .....		7 feet
Yield: .....		120 gpm

N-5929. (B-5) Department of Water Supply, Gas & Electricity, Sunrise Highway, Valley Stream. Drilled by Mathies Well & Pump Co., Inc., August 13, 1956.

Log:	Thickness (feet)	Depth (feet)
Fill .....	4	4
Sandy clay .....	1	5
Bog .....	1	6
Medium sand and grits .....	2	8
Fine to medium sand and grits .....	29	37
Fine sand and grits .....	13	50
Fine to coarse sand and grits .....	4	54
Clam shells and gray clay .....	2	56
Brown clay .....	3	59
Sandy gray clay .....	11	70
Brown and gray clay .....	15	85
Fine sandy brown clay .....	7	92
Sandy brown clay .....	3	95
Medium brown sand and clay .....	4	99
Fine to coarse sand, brown clay, gravel, large stones .....	1	100
Coarse sand, large stones, little white clay balls .....	5	105
Coarse sand, gravel, white clay balls .....	3	108
Coarse brown sand .....	5	113
Coarse sand and gravel .....	3	116
Casing: 8 inches.		
Screen: 13 feet of 8 inch with bottom at 116 feet.		
Pumping test:		
Duration: .....		1 hour
Static water level: .....		7 feet
Drawdown: .....		14 feet
Yield: .....		216 gpm

N-5940. (D-5) David Gimpel, northeast of Sterling Road, Kings Point. Drilled by Sweeney & Gray Co., Inc., June 28, 1956.

Log:	Thickness (feet)	Depth (feet)
Sandy clay .....	18	18
Blue clay .....	17	35
Sharp brown sand .....	12	47
Brown sand, gravel .....	17	64
Coarse brown sand and grits .....	20	84
Casing: 6 inches.		
Screen: 16 feet of 6 inch with bottom at 80 feet.		
Pumping test:		
August 12, 1956. Duration: .....		4 hours
Static water level: .....		flows
Drawdown: .....		14 feet
Yield: .....		45 gpm

N-5946. (C-6) Nassau Recreation Realty Co., Inc., south of Mill Road and east of Alabama Avenue, Hempstead. Drilled by Eastern Well & Pump Co., July 6, 1956.

Log:	Thickness (feet)	Depth (feet)
Fill .....	8	8
Coarse brown sand, grits and gravel .....	22	30
Yellowish-brown coarse sand, some grits .....	19	49
Same as above, but darker color .....	4	53
Casing: 6 inches.		
Screen: 10 feet of 6 inch with bottom at 52 feet.		
Pumping test:		
July 6, 1956. Duration: .....	2	hours
Static water level: .....	19	feet
Drawdown: .....	5½	feet
Yield: .....	86	gpm

N-5947. (D-6) Albertson Water District, north of Marci Lee Drive and east of Stephen Lane, Albertson. Drilled by Layne-New York Co., Inc., June 17, 1957.

Log:	Thickness (feet)	Depth (feet)
Sand, gravel .....	11	11
Hardpan, boulders .....	21	32
Brown sand, gravel .....	17	49
Brown clay .....	3	52
Blue clay .....	38	90
Brown sandy clay .....	6	96
Fine white sand, gravel .....	14	110
Streaks sand, clay, iron oxide .....	9	119
Gray-brown sand .....	6	125
White sand .....	13	138
Sandy clay and iron oxide .....	2	140
White clay .....	11	151
Fine muddy sand .....	3	154
Fine sand .....	10	164
Coarse sand .....	13	177
Multi-colored clay .....	6	183
Fine white sand .....	7	190
Coarse sand and gravel .....	4	194
Fine brown sand .....	17	211
Fine white sand .....	5	216
Blue clay .....	10	226
Coarse brown sand .....	6	232
Streaks white and fine sand .....	15	247
Coarse brown sand .....	5	252
Sandy clay .....	1	253
Gray medium sand .....	11	264
Streaks clay and gravel .....	5	269
Medium sand .....	7	276
Gray and brown clay .....	5	281
Fine white sand .....	18	299
Multi-colored clay .....	2	301
Gray sand .....	18	319
Sand and clay .....	10	329
Gray sand and gravel .....	5	334
Sand, gravel, clay, iron .....	5	339
Sandy clay .....	3	342
Gray sand .....	7	355
Sand and gravel (red) .....	4	359



N-5947. (Continued)

	Thickness (feet)	Depth (feet)
Multi-colored clay .....	1	360
Sand and gravel .....	9	369
Multi-colored clay .....	7	376
Blue clay .....	4	380
White sand and gravel showing of clay .....	17	397
White clay .....	3	400
Medium sand and large gravel .....	11	411
Multi-colored clay .....	32	443
Fine muddy sand, iron oxide .....	4	447
Multi-colored clay .....	2	449
Blue clay .....	5	454

Casing: 30, 18 and 12 inches.

Screen: 60 feet of 12 inch with bottom at 365 feet.

Pumping test:

June 17, 1957. Duration: ..... 8 hours  
Static water level: ..... 53 feet  
Drawdown: ..... 35 feet  
Yield: ..... 1200 gpm

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N-5960. (B-5) Patio Restaurant, south of Sunrise Highway and east of Hook Creek Boulevard, Valley Stream. Drilled by Eastern Well & Pump Co., August 2, 1956.

Log:	Thickness (feet)	Depth (feet)
Fill .....	4	4
Sandy green-gray clay .....	2	6
Fine brown sand .....	2	8
Coarse brown sand .....	8	16
Coarse brown sand, small grits .....	4	20
Clean light brown sand, some grits .....	16	36

Casing: 4 inches.

Screen: 5 feet of 4 inch with bottom at 36 feet.

Pumping test:

August 2, 1956. Duration: ..... 3 hours  
Static water level: ..... 9 feet  
Drawdown: ..... 6 feet  
Yield: ..... 45 gpm

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N-5973. (C-8) Union Free School District No. 23, north of New York Avenue and west of Central Avenue, Massapequa. Drilled by Mathies Well & Pump Co., Inc., July 17, 1956.

Log:	Thickness (feet)	Depth (feet)
Fill .....	1	1
Coarse sand and gravel .....	47	48

Casing: 4 inches.

Screen: 9 feet of 3¾ inch with bottom at 48 feet.

Pumping test:

July 17, 1956. Duration: ..... 2 hours  
Static water level: ..... 8 feet  
Drawdown: ..... 6 feet  
Yield: ..... 80 gpm

N-5989. (C-6) King Kullen Store, south of Village Avenue and east of Grand Avenue, Baldwin. Drilled by C. W. Lauman & Co., Inc., January 4, 1956.

Log:	Thickness (feet)	Depth (feet)
Coarse brown sand, gravel .....	23	23
Medium fine brown sand .....	3	26
Coarse brown sand and gravel .....	5	31
Medium fine brown sand .....	5	36
Coarse brown sand and gravel .....	11	47
Medium coarse sand, some stones .....	6	53
Fine-coarse sand .....	5	58
Brown fine to coarse sand, grits, some gravel .....	8	66
Fine-coarse sand, somewhat clayey .....	2	68
Gray sandy clay .....	17	85
Gray sand, some clay .....	13	98
Fine sand and gravel, clayey .....	13	111
Fine to coarse sand .....	4	115
Layers clay, light sand .....	30	145

Casing: 8 inches.

Screen: 15 feet of 6 inch with bottom at 115 feet.

Static water level: ..... 10 feet  
Yield: ..... 69 gpm

N-5994. (E-6) Community Hospital of Glen Cove, north of Walnut Road and east of Dosoris Way, Glen Cove. Drilled by C. W. Lauman & Co., Inc., January 30, 1957.

Log:	Thickness (feet)	Depth (feet)
Loam and gravel .....	5	5
Coarse sand and gravel .....	10	15
Coarse sand, gravel, small niggerheads .....	10	25
Coarse sand, small boulders .....	17	42
Coarse sand, gravel, large stones .....	10	52
Coarse brown sand and gravel .....	53	105
Fine sand and sandy clay .....	3	108
Multi-colored sandy clay, fine sand .....	10	118
Fine multi-colored sand, sandy clay .....	6	124
Fine multi-colored sand, sandy clay to coarse sand and grits .....	5	129
Coarse sand, some sandy clay .....	5	134
Coarse sand, small grits .....	5	139
Coarse sand, some gravel, streaks clay .....	6	145
Fine sand, multi-colored sandy clay .....	6	151
Solid clay, sandy clay, streaks coarse sand .....	3	154
Fine multi-colored sand, some streaks sandy clay .....	5	159
Solid clay, multi-colored sandy clay, fine sand .....	6	165
Sandy clay and small gravel .....	14	179
Brown sand and sandy clay and gravel .....	4	183
Multi-colored sand, gravel and solid clay .....	6	189
White sand, some clay, small grits .....	5	194
Fine white sand, some grits and sand .....	5	199
White sand, some sandy clay and gravel .....	14	213
Coarse brown sand, some grits .....	7	220
Coarse brown sand, gravel, some clay, streaks solid clay .....	6	226
Solid white clay, streaks sandy clay .....	6	232
Solid multi-colored clay .....	10	242

Casing: 16 inches.

Screen: 10 feet of 12 inch with bottom at 183 feet.

26 feet of 12 inch with bottom at 226 feet.

N-5994. (Continued)

Pumping test:  
August 22, 1956. Duration: ..... 4 hours  
Static water level: ..... 73 feet  
Drawdown: ..... 25 feet  
Yield: ..... 1080 gpm

N-6003. (D-5) Village of Great Neck Estates, north of North Circle and east of Private Park Road, Great Neck. Drilled by C. W. Lauman & Co., Inc., June 4, 1957.

Log:	Thickness (feet)	Depth (feet)
Fine to medium brown sand, grits, gravel.....	22	22
Fine to coarse sand, grits, stones, clay .....	5	27
Fine to coarse sand, grits, stones, clay and boulders .....	10	37
Fine brown sand and mica .....	3	40
Fine to coarse brown sand, grits and gravel .....	7	47
Gray sand, boulders, lignite and pyrites .....	27	74
Red clay .....	2	76
Brown clay, gravel, pyrites .....	1	77
Fine brown sand and gravel .....	1	78
Gray sandy clay .....	3	81
Fine brown sand (boulders falling off wall) .....	5	86
Medium brown sand, grits, gravel, lumps of clay .....	3	89
Brown clay .....	3	92

Casing: 6 inches.

Screen: 15 feet of 6 inch with bottom at 92 feet.

Pumping test:  
June 4, 1957. Duration: ..... 8 hours  
Static water level: ..... 6 feet  
Yield: ..... 108 gpm

Note: Replaces N-5296 due to water being undesirable for swimming pool use.

N-6004. (B-5) Mr. Van Vechten Burger, Polo Lane and Ocean Avenue, Lawrence. Drilled by Mathies Well & Pump Co., Inc., October 23, 1956.

Log:	Thickness (feet)	Depth (feet)
Top soil .....	3	3
Sand and gravel .....	7	10
Fine sand, clay and gravel .....	28	38
Clay, clam shells, wood .....	22	60
Gravel and sand .....	7	67

Casing: 4 inches.

Screen: 8½ feet of 4 inch, with bottom at 68 feet.

Pumping test:  
September 13, 1956. Duration: ..... 2 hours  
Static water level: ..... 8 feet  
Yield: ..... 45 gpm

N-6007. (D-7) Joe Andrews, south of Hopper Street and east of Main Street, New Cassel. Drilled by Ted Kalmuk, September 2, 1956.

Log:	Thickness (feet)	Depth (feet)
Brown sand .....	15	15

(Continued on next page)

N-6007. (Continued)	Thickness (feet)	Depth (feet)
Brown sand and grits .....	25	40
Very fine brown sand .....	26	66
Casing: 4 inches.		
Screen: 4 feet of 3 $\frac{3}{4}$ inch with bottom at 66 feet.		
Pumping test:		
Duration: .....		2 hours
Yield: .....		15 gpm

N-6034. (D-5) Fifth Avenue Shopping Center, south of Northern Boulevard and west of Searingtown Road, Manhasset. Drilled by C. W. Lauman & Co., Inc., December 20, 1956.

Log:	Thickness (feet)	Depth (feet)
Fine brown and gray sand .....	10	10
Fine gray sand, lignite and mica .....	40	50
Fine gray sand, lignite, mica and clay .....	5	55
Brown sand and clay .....	2	57
Grits, gravel, boulders and brown clay .....	7	64
Fine to coarse sand, grits, gravel, large boulders .....	11	75
Heavy gravel, very large boulders, very little coarse sand .....	19	94
Loamy sand, silt and large boulders .....	16	110
Silty, loamy sand .....	24	134
Yellow clay, grits, sand .....	65	199
Yellow clay, grits and some gravel .....	28	227
Medium fine brown sand and grits .....	3	230
Medium fine brown sand, grits, some lumps clay .....	6	236
Grits and brown clay .....	5	241
Fine yellow sand .....	5	246
Fine to medium white sand .....	8	254
Fine brown sand .....	8	262
Medium fine gray sand .....	10	272
Medium fine brown sand .....	5	277
Fine brown sand and sandy clay .....	5	282
Lumps of multi-colored clay and fine brown sand .....	7	289
Fine gray sand and few lumps clay .....	5	294
Medium fine brown sand, some clay .....	16	310
Medium coarse brown sand, grits .....	3	313
Casing: 16 inches.		
Screen: 10 feet of 12 inch with bottom at 236 feet.		
35 feet of 12 inch with bottom at 276 feet.		
25 feet of 12 inch with bottom at 307 feet.		

Pumping test:		
December 20, 1956.	Duration: .....	8 hours
	Static water level: .....	153 feet
	Drawdown: .....	45 feet
	Yield: .....	953 gpm

N-6035. (D-5) Fifth Avenue Shopping Center, south of Northern Boulevard and west of Searingtown Road, Manhasset. Drilled by C. W. Lauman & Co., Inc., January 11, 1957.

Log:	Thickness (feet)	Depth (feet)
Coarse brown sand, gravel .....	10	10
Coarse brown sand, gravel .....	30	40
Fine brown sand, mica .....	5	45
Fine brown sand, some clay .....	10	55

N-6035. (Continued)

	Thickness (feet)	Depth (feet)
Sand and clay .....	10	65
Streaks of sand and clay .....	7	72
Stones imbedded in hard gray clay .....	1	73
Coarse gray sand, large stones, some clay .....	21	94
Brownish gray clay, fine grits, layers silt .....	23	117
Fine white sand, silt, clay and hardpan .....	47	164
Hardpan and clay .....	14	178
Fine brown sand, some clay .....	3	181
Medium fine brown sand .....	9	190
Medium fine white sand .....	2	192
Medium fine white sand, mica .....	14	206
Medium fine white sand, hardpan .....	3	209
White clay and sand .....	10	219
Fine to coarse brown sand, pieces clay .....	2	221
White sandy clay .....	8	229
Fine white sand and pieces of clay .....	5	234
Medium coarse sand and lumps clay .....	5	239
Medium coarse gray sand, grits .....	4	243
Medium fine gray sand .....	20	263
Medium coarse gray sand and grits .....	8	271
Coarse gray sand and grits .....	2	273
White clay .....	5	278
Medium fine gray sand, lumps clay .....	1	279
Multi-colored clay .....	4	283
Coarse gray sand, grits, some gravel .....	5	288
Fine to coarse white sand .....	5	293
Casing: 16 inches.		
Screen: 17 feet of 12 inch with bottom at 210 feet.		
44 feet of 12 inch with bottom at 274 feet.		
10 feet of 12 inch with bottom at 294 feet.		
Pumping test:		
January 11, 1957. Duration: .....	8 hours	
Static water level: .....	137 feet	
Drawdown: .....	22 feet	
Yield: .....	1068 gpm	

N-6040. (C-6) Reeves Instrument Corporation, north of Zeekendorf Boulevard and east of East Gate Boulevard, Roosevelt Field. Drilled by Eastern Well & Pump Co., January 9, 1957.

Log:	Thickness (feet)	Depth (feet)
Top soil and gray clay .....	5	5
Brown sand, grits and gravel .....	8	13
Coarse light brown sand, grits, gravel, stones .....	4	17
Medium to coarse brown sand .....	30	47
Fine yellow-brown clayey sand .....	7	54
Fine brown sand, lumps clay, hardpan .....	29	83
Fine gray clayey sand, hardpan .....	34	117
Fine gray clayey sand .....	29	146
Fine brown clayey sand, hardpan .....	58	204
Fine to medium brown clean sand .....	6	210
Brown medium sand, clay lumps .....	5	215
Fine brown soupy sand, micaceous .....	57	272
Fine to medium brown sand, clay lumps .....	7	279
Fine to medium sand and grits .....	13	292
Gray clay .....	1	293
Fine clayey sand and mica .....	5	298

(Continued on next page)

N-6040. (Continued)	Thickness (feet)	Depth (feet)
Fine to medium gray sand, micaceous .....	2	300
Medium to coarse brown sand, lots grits .....	18	318
Fine gray silty sand, lots grits, micaceous .....	7	325
Casing: 12 inches.		
Screen: 8 feet of 8 inch with bottom at 289 feet.		
14 feet of 8 inch with bottom at 318 feet.		
Pumping test:		
January 9, 1957. Duration: .....	8 hours	
Static water level: .....	15 feet	
Drawdown: .....	52 feet	
Yield: .....	465 gpm	

N-6043. (B-7) Greater Seaford Shopping Center, Inc., north of Merrick Road and east of Kenora Place, Seaford. Drilled by Eastern Well & Pump Co., October 24, 1956.

Log:	Thickness (feet)	Depth (feet)
Fill .....	6	6
Medium to coarse brown sand and grit .....	33	39
Fine to medium sand and coarse gravel .....	7	46
Dark gray clayey sand at .....		46
Casing: 6 inches.		
Screen: 9 feet of 4 inch with bottom at 46 feet.		
Pumping test:		
October 23, 1956. Duration: .....	2 hours	
Static water level: .....	8 $\frac{3}{4}$ feet	
Drawdown: .....	6 $\frac{3}{4}$ feet	
Yield: .....	110 gpm	

N-6044. (C-7) East Meadow Car Wash Inc., south of Hempstead Turnpike and west of Front Street, East Meadow. Drilled by Mathies Well & Pump Co., Inc., January 27, 1957.

Log:	Thickness (feet)	Depth (feet)
Fill .....	2	2
Fine sand and heavy gravel .....	9	11
Sand and gravel .....	35	46
Coarse white sand .....	11	57
Casing: 4 inches.		
Screen: 5 $\frac{7}{12}$ feet of 4 inch with bottom at 57 feet.		
Pumping test:		
November 6, 1956. Duration: .....	2 hours	
Static water level: .....	32 feet	
Yield: .....	45 gpm	

N-6045. (C-6) Roosevelt Field, Inc., south of Old Country Road and east of Clinton Road, Roosevelt Field. Drilled by C. W. Lauman & Co., Inc., April 5, 1957.

Log:	Thickness (feet)	Depth (feet)
Coarse sand and gravel .....	60	60
Medium fine brown sand .....	10	70
Fine brown sand, mica .....	15	85

N-6045. (Continued)

	Thickness (feet)	Depth (feet)
Dark gray clay .....	30	115
Lignite, pyrite—90%, fine sand 10% .....	5	120
Fine gray sand, mica, lumps multi-colored clay and hardpan .....	20	140
Fine gray sand, pieces clay and hardpan .....	10	150
Fine gray sand, mica and layers multi-colored clay .....	10	160
Fine gray sand, mica, pieces clay .....	10	170
Fine gray sand and some clay .....	29	199
Fine brown sand, hardpan .....	10	209
Fine brown sand, mica .....	9	218
Fine brown sand, lumps clay, hardpan .....	10	228
Fine brown sand, some clay .....	10	238
Fine brown sand, mica and some clay .....	20	258
Fine gray sand .....	22	280
Medium fine gray sand .....	10	290
Medium fine gray sand, mica .....	10	300
Fine to coarse sand, grits and mica .....	4	304
Fine sand, mica, multi-colored clay .....	2	306
Fine to medium gray sand, mica .....	10	316
Fine gray sand, mica .....	12	328
Fine to medium gray sand, mica, hardpan, pieces clay .....	10	338

Casing: 16 inches.

Screen: 51 feet of 12 inch with bottom at 328 feet.

Pumping test:

December 26, 1956. Duration: ..... 8 hours  
 Static water level: ..... 27 feet  
 Drawdown: ..... 18 feet  
 Yield: ..... 1060 gpm

N-6046. (C-6) Roosevelt Raceway, Inc., north of Meadowbrook Parkway, Westbury. Drilled by Layne-New York Co., Inc., December 10, 1956.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel .....	18	18
Gray sand .....	44	62
Sandy clay .....	5	67
Fine white sand .....	28	95
Brown clay .....	35	130
Fine sand, some clay streaks .....	50	180

Casing: 18 and 10 inches.

Screen: 30 feet of 10 inch with bottom at 170 feet.

Pumping test:

December 10, 1956. Duration: ..... 4 hours  
 Static water level: ..... 32 feet  
 Drawdown: ..... 31 feet  
 Yield: ..... 578 gpm

N-6058. (C-6) Leon Frankel, south of Ninth Street and west of Franklin Avenue, Garden City. Drilled by Mathies Well & Pump Co., Inc., October 28, 1956.

Log:	Thickness (feet)	Depth (feet)
Pit .....	11	11
Coarse sand and gravel .....	34	45

(Continued on next page)

N-6058. (Continued)

	Thickness (feet)	Depth (feet)
Finer sand and gravel .....	37	82
Gravel and yellow clay .....	1	83
Coarse sand and grits .....	8	91
Coarse sand, grits and brown clay .....	14	105
Yellow clay and fine sand .....	15	120
Black clay .....	51	171
Fine sand and chunks yellow clay .....	3	174
Lively yellow sand .....	9	183
Solid yellow clay .....	2	185
Gray clay .....	4	189
Fine sand and gray clay .....	7	196
Fine sand, brown and white clay .....	17	213
Yellow sand, chunks of white and yellow clay .....	26	239
Solid gray clay .....	21	260
Coarse sand, gray clay and grits .....	19	279
Gray clay and fine sand .....	10	289
Solid gray clay .....	21	310
Gray clay and fine sand .....	8	318
Coarse sand, no grits, no life .....	1	319
Coarse sand and grits (gray) .....	6	325
Coarse sand, some grits (yellow) .....	11	336

Casing: 6 inches.

Screen: 12 feet of 6 inch with bottom at 334 feet.

Static water level: ..... 34 feet  
Yield: ..... 80 gpm

N-6062. (B-8) Seaford Mar Marina, Inc., north of South Seamans Neck Road and west of Beacon Street, Seaford. Drilled by J. J. Wilson, January 11, 1957.

Log:	Thickness (feet)	Depth (feet)
Beach sand .....	17	17
Bog .....	10	27
Brown coarse sand and gravel .....	27	54
Gray clay .....	10	64
Gray coarse sand, some mica and lignite .....	24	88

Casing: 4 inches.

Screen: 15 feet of 4 inch with bottom at 88 feet.

Pumping test:

January 10, 1957. Duration: ..... 2 hours  
Static water level: ..... flows  
Yield: ..... 50 gpm

N-6063. (D-6) Fred De Matteis, north of I. U. Willets Road and east of Meadow Road, Old Westbury. Drilled by C. W. Lauman & Co., Inc., December 21, 1956.

Log:	Thickness (feet)	Depth (feet)
Fill .....	3	3
Sand and gravel .....	12	15
Stones, clay and sand .....	20	35
Sand and gravel .....	21	56
Fine brown sand .....	10	66
Sand, gravel and stones .....	19	85
Fine brown sand .....	8	93



N-6063. (Continued)

Casing: 4 inches.

Screen: 5½ feet of 4 inch with bottom at 92 feet.

Pumping test:

November 26, 1956.	Duration: .....	5 hours
	Static water level: .....	63 feet
	Drawdown: .....	2 feet
	Yield: .....	12 gpm

N-6069. (D-7) Hicksville Public Library, north of Second Street and east of Jerusalem Avenue, Hicksville. Drilled by Mathies Well & Pump Co., Inc., January 3, 1957.

Log:	Thickness (feet)	Depth (feet)
Brown sand and coarse gravel .....	89	89

Casing: 6 inches.

Screen: 10 feet of 6 inch, with bottom at 89 feet.

Pumping test:

January 3, 1957.	Duration: .....	2 hours
	Static water level: .....	63 feet
	Drawdown: .....	11 feet
	Yield: .....	100 gpm

N-6070. (C-7) Bernard Associates No. 2, southwest of Bellmore Avenue and Newbridge Road, North Bellmore. Drilled by Eastern Well & Pump Co., December 7, 1956.

Log:	Thickness (feet)	Depth (feet)
Medium to coarse brown sand, gravel grit .....	30	30

Casing: 6 inches.

Screen: 5 feet of 4 inch with bottom at 30 feet.

Pumping test:

December 7, 1956.	Duration: .....	3 hours
	Static water level: .....	2 feet
	Drawdown: .....	5 feet
	Yield: .....	70 gpm

N-6071. (C-8) J. Nicholson (Poultry Farm), north of Hempstead Turnpike and east of Stewart Avenue, Bethpage. Drilled by C. W. Lauman & Co., Inc., December 19, 1956.

Log:	Thickness (feet)	Depth (feet)
Top soil, loam .....	1	1
Coarse brown sand and gravel .....	30	31
Medium brown sand, lumps of clay .....	5	36
Fine brown sand .....	7	43
Sand, streaks clay .....	2	45
Fine brown sand .....	20	65
Fine brown sand and clay .....	21	86
Medium fine dark brown sand .....	10	96
Coarse brown sand, some small grits .....	5	101
Fine reddish-brown sand .....	1	102

Casing: 4 inches.

Screen: 6 feet of 4 inch with bottom at 102 feet.

Static water level: .....	31 feet
Yield: .....	30 gpm

N-6073. (D-5) Dean Furniture Company, south of Union Turnpike and west of Cellar Avenue, Lake Success. Drilled by C. W. Lauman & Co., Inc., December 20, 1956.

Log:	Thickness (feet)	Depth (feet)
Loam, gravel, large stones, boulders .....	18	18
Grayish-brown clay and stones .....	10	28
Hard gray clay .....	8	36
Brown sandy clay, gravel and stones .....	27	63
Medium coarse brown sand, grits and gravel .....	32	95
Yellowish medium coarse brown sand, grits and gravel .....	11	106
Fine light brown sand, lumps clay .....	22	128
Medium fine yellowish brown sand .....	13	141
Fine brown sand, heavy lumps clay .....	33	161
Medium fine light brown sand, little grits, some lumps clay .....	18	179

Casing: 8 inches.

Screen: 11 feet of 8 inch with bottom at 105 feet.

Pumping test:

December 20, 1956.	Duration: .....	3 hours
	Static water level: .....	69 feet
	Drawdown: .....	12 feet
	Yield: .....	200 gpm

N-6074. (C-8) Parkmill Center, Inc., south of Carmens Road and west of Ritter Avenue, Farmingdale. Drilled by C. W. Lauman & Co., Inc., December 19, 1956.

Log:	Thickness (feet)	Depth (feet)
Fill .....	8	8
Coarse brown sand and gravel .....	55	63
Coarse brown sand and some gravel .....	12	75
Fine brown hard-packed sand .....	1	76
Blue clay .....	4	80
Coarse gray sand .....	3	83
Fine hard-packed brown sand and small clay .....	13	96
Sharp gray sand, clay .....	4	100

Casing: 6 inches.

Screen: 6 feet of 6 inch with bottom at 73 feet.

Pumping test:

December 19, 1956.	Duration: .....	3 hours
	Static water level: .....	17 feet
	Drawdown: .....	10 feet
	Yield: .....	180 gpm

N-6075. (B-5) Union Free School District No. 15 (Lawrence High School), north of Rockaway Road and east of Doughty Boulevard, Lawrence. Drilled by Mathies Well & Pump Co., Inc., May 8, 1957.

Log:	Thickness (feet)	Depth (feet)
Brown-white fine sand .....	15	15
Fine gray sand .....	5	20
Brown sand and gravel .....	11	31
Brown fine sand .....	5	36
Gray clay .....	18	54
Fine gray sand with clay balls .....	3	57
Gray clay .....	5	62

N-6075. (Continued)

	Thickness (feet)	Depth (feet)
Fine gray sand .....	9	71
Fine gray soupy sand .....	32	103
Fine gray sand with grits .....	8	111

Casing: 6 inches.

Screen: 10 feet of 4 inch with bottom at 111 feet.

Pumping test:

March 1, 1957. Duration: .....	8 hours
Static water level: .....	11 feet
Drawdown: .....	11 feet
Yield: .....	45 gpm

N-6076T. (D-8) Plainview Water District, south of Southern State Parkway and east of John Street, Plainview. Drilled by C. W. Lauman & Co., Inc., November 26, 1956.

Log:	Thickness (feet)	Depth (feet)
Top soil and loam .....	3	3
Coarse brown sand, grit, gravel .....	30	33
Same as above, with lumps clay .....	39	72
Fine multi-colored sandy clay, streaks clay .....	4	76
Fine multi-colored sand .....	5	81
Fine multi-colored sandy clay .....	6	87
Fine multi-colored sand .....	4	91
Fine multi-colored sandy clay .....	15	106
Layers fine brown sand, sandy clay .....	10	116
Solid brown clay .....	6	122
Fine brown sand, streaks solid clay .....	7	129
Layers fine brown sand and sandy clay .....	9	138
Fine brown sand .....	6	144
Layers fine brown sand and sandy clay .....	9	153
Fine brown sand .....	11	164
Fine brown sand, streaks solid clay .....	5	169
Layers solid gray clay and sandy clay .....	12	181
Fine multi-colored sandy clay .....	9	190
Layers solid brown clay and sandy clay .....	5	195
Fine multi-colored sandy clay and mica .....	6	201
Fine brown sand, some clay .....	5	206
Fine multi-colored sandy clay and gray clay .....	11	217
Fine multi-colored sandy clay and mica .....	5	222
Multi-colored sandy clay, some solid clay .....	4	226
Multi-colored sandy clay .....	5	231
Layers fine brown sand, sandy clay and hardpan .....	6	237
Solid gray clay, some sandy clay .....	5	242
Fine brown sand .....	6	248
Fine brown sand, some sandy clay .....	4	252
Fine brown sand .....	5	257
Fine multi-colored sand, streaks clay, mica .....	4	261
Fine sand, streaks clay and sandy clay .....	6	267
Fine multi-colored sand, some sandy clay and mica .....	9	276
Fine sand, sandy clay, hardpan .....	5	281
Fine sand, streaks clay, mica, sandy clay .....	6	287
Solid gray clay, streaks sandy clay .....	4	291
Fine brown sand, some clay, mica .....	24	316
Very fine brown sand, some clay .....	5	321
Fine brown sand .....	9	330
Fine brown sand, streaks sandy clay .....	6	336

(Continued on next page)

## N-6076T. (Continued)

	Thickness (feet)	Depth (feet)
Fine brown sand .....	5	341
Fine brown sand, some clay, streaks sandy clay .....	11	352
Fine brown sand, streaks solid clay .....	4	356
Fine multi-colored sandy clay .....	9	365
Fine brown sand, streaks sandy and solid clay .....	15	380
Fine brown sand, sandy clay, some clay .....	20	400
Fine multi-colored sand .....	10	410
Brown sand, streaks sandy clay .....	5	415
Fine brown sandy clay, gray clay .....	11	426
Fine sandy clay, layers gray clay .....	4	430
Layers fine sand, sandy and solid clay .....	6	436
Gray clay, fine brown sand .....	4	440
Brown sand, reddish clay, some grits .....	5	445
Brown sand, small grits, some sandy clay .....	6	451
Solid gray clay, sandy clay, layers fine sand .....	5	456
Fine brown sand, some clay .....	4	460
Medium brown sand .....	6	466
Layers fine gray sand and sandy clay .....	15	481
Fine brown sand .....	4	485
Fine brown sand, streaks sandy clay .....	6	491
Medium coarse brown sand, some clay .....	5	496
Very fine brown sand, some clay .....	4	500
Very fine gray sand, streaks sandy clay .....	7	507
Solid multi-colored sandy clay .....	8	515
Layers solid gray clay and sandy clay .....	11	526
Fine red sand, streaks clay .....	9	535
Fine gray sandy clay .....	6	541
Fine multi-colored sandy clay .....	5	546
Multi-colored sandy clay, solid clay, fine sand .....	5	551
Multi-colored sandy and solid clay .....	6	557
Multi-colored sandy clay and fine sand .....	4	561
Medium coarse sand and sandy clay .....	5	566
Multi-colored sandy clay and medium sand .....	4	570
Multi-colored sandy clay, medium gravel (streaks) .....	5	575
Coarse brown sand and gravel, solid and sandy clay .....	6	581
Solid clay, multi-colored sandy clay .....	5	586
Solid clay, layers sandy clay, fine brown sand .....	4	590
Medium coarse brown sand, sandy clay .....	5	595
Large gravel, solid clay, sandy clay .....	6	601
Sandy, solid clay .....	5	606
Solid clay, multi-colored sand .....	4	610
Gray clay .....	6	616
Fine brown sand, some grit .....	39	655
Layers fine brown sand and sandy clay .....	5	660
Fine brown sand, streaks sandy clay .....	6	666
Very fine sand, some sandy clay .....	4	670
Multi-colored clay, some sandy clay and fine sand .....	5	675
Solid clay, sandy clay, layers multi-colored sandy clay .....	6	681
Solid red clay .....	13	694

Note: Formation test hole only.

N-6089T. (D-5) Port Washington Water District, north of Bogart Avenue and east of Port Washington Boulevard, Port Washington. Drilled by Layne-New York Co., Inc., December 20, 1956.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel .....	20	20
Clay streaks and gravel .....	54	74

N-6089T. (Continued)	Thickness (feet)	Depth (feet)
Coarse sand .....	11	85
Clay and gravel (mixed) .....	41	126
Sandy clay .....	21	147
Clay, sandy streaks .....	41	188
Hard gray clay and sand .....	57	245
Hard clay .....	32	277
Sand, some white clay .....	18	295
Hard white clay .....	3	298
Sand, some white clay .....	14	312
Sand and clay streaks .....	52	364
Tough clay .....	6	370
Hard clay and sand streaks (reddish-brown) .....	24	394
Muddy red sand and clay .....	52	446
Clay red .....	10	456
Casing: 8 inches.		
Note: Formation test hole only.		

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N-6091. (E-7) J. Townsend, south of Harbor View Drive and west of Centre Island Road, Centre Island. Drilled by C. W. Lauman & Co., Inc., January 11, 1957.

Log:	Thickness (feet)	Depth (feet)
Loam, hardpan .....	25	25
Boulders .....	3	28
Brown hardpan .....	7	35
Brown sand, small gravel .....	12	47
Hardpan, light clay .....	25	72
Brown sand, coarse grits .....	2	74
Brown sandy clay .....	2	76
Coarse brown sand .....	9	85
Brown sandy clay .....	3	88
Casing: 4 inches.		
Screen: 7 feet of 4 inch with bottom at 85 feet.		
Pumping test:		
January 17, 1957. Duration: .....		10 hours
Static water level: .....		52 feet
Yield: .....		10 gpm

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N-6095T. (E-5) Port Washington Water District, north of Sandy Hollow Road and west of Port Washington Boulevard, Port Washington. Drilled by Layne-New York Co., Inc., January 4, 1957.

Log:	Thickness (feet)	Depth (feet)
Sand and gravel .....	170	170
Gray clay .....	3	173
Sand and gravel .....	10	183
Gray clay .....	2	185
Sand and gravel .....	3	188
Clay .....	19	207
Fine sand, some clay and gravel .....	31	238
Clay .....	2	240
Sand and gravel .....	4	244
Black clay .....	135	379
Sand and gravel .....	22	401
Hard clay .....	14	415

Casing: 7 inches.  
Note: Formation test hole only.

N-6099. (C-6) Sawyer & Dolfinger, south of Claurome Place and west of North Main Street, Freeport. Drilled by Mathies Well & Pump Co., Inc., February 7, 1957.

Log:	Thickness (feet)	Depth (feet)
Brown sand and coarse gravel .....	37	37

Casing: 4 inches.

Screen: 8 feet of 4 inch with bottom at 37 feet.

Pumping test:

February 6, 1957.	Duration: .....	2 hours
	Static water level: .....	2 feet
	Yield: .....	75 gpm

Note: All measurements from basement floor.

N-6100. (D-7) Meadowbrook National Bank, west of Jerusalem Avenue and south of New-bridge Road, Hicksville. Drilled by Mathies Well & Pump Co., Inc., June 11, 1957.

Log:	Thickness (feet)	Depth (feet)
Top soil .....	1	1
Coarse brown sand, some gravel .....	25	26
Brown sand and gravel .....	69	95
Brown sand, some gravel .....	3	98
Brown sand, grits, some gravel .....	7	105

Casing: 6 inches.

Screen: 13 feet of 4 inch with bottom at 105 feet.

Pumping test:

June 11, 1957.	Duration: .....	8 hours
	Static water level: .....	61 feet
	Drawdown: .....	16 feet
	Yield: .....	120 gpm

# INDEX OF WELLS BY OWNERS

Owner	Well No.	Owner	Well No.
A. M. A. Corporation .....	N 3581	Bartender's Local No. 165 .....	N 5758
Abel, Werner .....	N 4428	Batz, George M. ....	N 3827
Abeles, Milton, Inc. ....	N 3853	Beaver Dam Sports Club .....	N 5672
Adler, B. ....	N 5072	Bellmore Construction Corp. ....	N 3682
Aibel, Herman .....	N 5075	Bernard Associates No. 2 .....	N 6070
Alaric Realty Corp. (Wedemeyer Bldg.) .....	N 2134	Bernard Construction Co. ....	N 4098
Alban, Mr. and Mrs. Charles .....	N 5020	Bernstein, J. ....	N 4258
Albertson Water District .....	N 3733	Bethpage Water District .....	N 3876
Albertson Water District .....	N 4327	Bethpage Water District .....	N 4063
Albertson Water District .....	N 5947	Bethpage Water District .....	N 4146
Allen, A. ....	N 4154	Beth Sholom Congregation .....	N 4228
Allen Manufacturing Co. ....	N 3991	Big Ben Food Market .....	N 4341
Altman, B and Co. ....	N 4417T	Bildner Big Ben Corp. (Lynbrook) .....	N 3594
Andrews, Joseph .....	N 6007	Bildner Big Ben Corp. (Valley Stream) .....	N 3833
Anselmi, Demo .....	N 5912	Bildner Big Ben Corp. (Plainedge) .....	N 4385
Apostolic Church .....	N 5624	Bing Realty Corp. ....	N 3669
Approved Sand & Stone Co. (Hicksville) .....	N 4431	Black, Walter J., Inc. ....	N 4332
Approved Sand & Stone Co. (Preferred Sand & Stone Co.—Hicksville) .....	N 5332	Blue Spruce Inn .....	N 4409
Argo Theatre .....	N 3192	Blum Estate .....	N 2566
Associated Food Stores (Valley Stream) .....	N 3681	Bogart, Robert W. ....	N 4301
Associated Food Stores (Rockville Centre) .....	N 4267	Bohack, H. C., Co., Inc. (Elmont) .....	N 2360
Associated Food Stores (Hewlett) .....	N 4269	Bohack, H. C., Co., Inc. (Levittown) .....	N 3190
Associated Food Stores (East Norwich) .....	N 5456	Bohack, H. C., Co., Inc. (Freeport) .....	N 3640
Aurora Plastics .....	N 4384	Bohack, H. C., Co., Inc. (Old Westbury) .....	N 3667
Austern, Emanuel .....	N 4323	Bohack, H. C., Co., Inc. (Seaford) .....	N 3824
Baker, George F., Jr. ....	N 2241	Bohack, H. C., Co., Inc. (Cedarhurst) .....	N 3979
Baldwin Boat Basin .....	N 2411	Bohack, H. C., Co., Inc. (Hicksville) .....	N 4050
Balmfalk, F. ....	N 5115		
Barclay Street Car Wash, Inc....	N 5899		

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Bohack, H. C., Co., Inc. (Valley Stream) .....	N 5583	Cohen, Joseph H. ....	N 4218
Boos, Jacob, Jr. ....	N 2610	Cohen, Philip & Sons .....	N 4210
Borden Co. ....	N 3887	Colonial Sand & Stone Co. (Garden City Park) .....	N 2584
Botsch, Henry .....	N 2188	Colonial Sand & Stone Co. (Port Washington) .....	N 3311
Brilhardt, Arnold, Ltd. ....	N 2230	Colonial Sand & Stone Co. (Port Washington) .....	N 4125
Bring, A. ....	N 3653	Congregation Sons of Israel .....	N 4257
Brokaw, C. V. ....	N 5188	Consolidated Lithographing Corp. ....	N 3649T
Brooks, Mrs. A. C. ....	N 5433	Corte's Restaurant .....	N 4176
Brownstein, Sidney M. ....	N 5280	County Line Shopping Center....	N 5349
Butler, Sidney G. M. ....	N 4014	Covell Associates Co. ....	N 5685
Butterwick, George .....	N 2186	Cove Theatre .....	N 2847
Calderone-Mineola Theatre Corp.	N 2399	Crestwood Dairy Inc. ....	N 5593
Calderone Theatre .....	N 3150	Dans Supreme Super Market, Inc. ....	N 4233
Carle Place Water District .....	N 2747	Davidson, Ellis .....	N 4507
Carle Place Water District .....	N 4206	Davis, Arthur .....	N 3982
Cassullo, J. L. ....	N 2924	Dean Furniture Co. ....	N 6073
Catapano, Michael .....	N 2240	Deepdale, Inc. ....	N 5535
Central Avenue Corp. ....	N 3775	De Matteis .....	N 6063
Central Park Water District.....	N 3142	Demco, Inc. ....	N 3855
Central Park Water District.....	N 3428T	De Meo, Albert M. (Garden City) .....	N 5023
Certified Redi-Mix Co., Inc.....	N 5335	Dickerman, Mrs. Florence E., Estate .....	N 2306
Certified Redi-Mix Co., Inc.....	N 5901	Di Girolamo, M. ....	N 5765
Cirenzia Inc. ....	N 3469	Doctors Hospital .....	N 4815
Citizens Water-Supply Company of Newtown .....	N 2214	Dogwood Realty (Bohack Store)	N 5409
Citizens Water-Supply Company of Newtown .....	N 3443	Donnelly, D. ....	N 5434
Citizens Water-Supply Company of Newtown .....	N 4388	Dyckman Laundry, Inc. ....	N 4432
Citizens Water-Supply Company of Newtown .....	N 5884	E. D. J. Realty Corp. (Massa- pequa Park Market) .....	N 4038
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East Meadow Car Wash, Inc.....	N 6044	Fourtown Realty Corp. (Freeport Theatre) .....	N 2215
East Meadow Water District .....	N 4448	Frankel, Abraham .....	N 5131
East Meadow Water District .....	N 5319	Frankel, Leon .....	N 6058
East Meadow Water District .....	N 5322	Franklin National Bank, The (Franklin Square) .....	N 5643
Elsinger, Herbert .....	N 5031	Franklin National Bank, The (Farmingdale) .....	N 5750
Empress Diners, Inc. ....	N 4789	Franklin National Bank, The (Rockville Centre) .....	N 5853
Engel, Joseph .....	N 3976	Franklin Shops, Inc. ....	N 4452
Ernwein, Harry .....	N 4199	Franklin Square Department Store .....	N 3820
Fairechild Camera & Instrument Corp. ....	N 3838	Franklin Square National Bank..	N 2259
Fairechild Camera & Instrument Corp. ....	N 3860	Franklin Square Water District	N 3603
Fairlanes, The, Inc. ....	N 4640	Franklin Square Water District	N 3605
Farmingdale Federal Loan & Savings .....	N 3990	Fraser, Mrs. R. W. ....	N 4424
Feger, William G. ....	N 2203	Fraser, T. M. ....	N 2567
Feldman, Murry .....	N 5122	Freeport, Village of .....	N 5695
Ferrels, W. ....	N 4078	Freeport, Village of .....	N 5696
Fifth Avenue Shopping Center ..	N 6034	Fromkin, Harold .....	N 3637
Fifth Avenue Shopping Center ..	N 6035	Frostland .....	N 4201
Fireproof Realty Corp. ....	N 5757	Garden City, Incorporated Village of .....	N 3881
First Federal Savings & Loan Association .....	N 4153	Garden City, Incorporated Village of .....	N 3934
Fish, Raymond G. ....	N 2462	Garden City, Incorporated Village of .....	N 5163
Fishman, Edward .....	N 2596	Garden City Company, The (Martin's Store) .....	N 3747
Fluewellen, Lester .....	N 4053	Garden City Company, The (Lord & Taylor) .....	N 5582
Food Fair Stores, Inc. (Levittown) .....	N 3674	Garden City Company, The (Gristedes) .....	N 5700
Food Fair Stores, Inc. (New Hyde Park) .....	N 3756	Garden City Medical Building ....	N 5143
Food Fair Stores, Inc. (Bethpage) .....	N 3799	Garden City Park Water District	N 2565
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Food Fair Stores, Inc. (Great Neck) .....	N 3801		

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Gavin, Mrs. Michael .....	N 3830	Greenbaum, Henry .....	N 4054
General Bronze Corp. ....	N 2418	Griggs, Miss Mary L. ....	N 4376
Geon International Corp. ....	N 5074	Gruenstein, F. ....	N 5135
Geracci, J. ....	N 4175	Grumman Aircraft .....	N 5305
Geralamo, John .....	N 3760	Grumman Aircraft .....	N 5306
Giles, Anthony D. & Sons.....	N 5353	Guild Machinery Inc. ....	N 4072
Gimpel, David .....	N 5940	H. O. Penn Machinery .....	N 4410
Glen Cove, City of .....	N 5686	Hadden, Mrs. Joanna .....	N 4593
Glen Cove, Community Hospital of .....	N 5994	Halgren, Dr. C. C. ....	N 3350
Glen Head Country Club .....	N 2616	Harges, Michael .....	N 4460
Glen Oaks Club, Inc. ....	N 2576	Harris, P. ....	N 2421
Goldberg, George .....	N 5895	Health Insurance Plan of Greater New York .....	N 5663
Goldberger, Charles .....	N 4542	Hempstead, Town of .....	N 3570
Gonsale Plating Co. ....	N 5397	Hempstead, Incorporated Village of .....	N 3668
Good Humor Corp. ....	N 4576	Hempstead, Incorporated Village of .....	N 4425
Grand Union Co., The (Levittown) .....	N 3547	Hempstead Division Construction Corp. (Penney Store) .....	N 3610
Grand Union Co., The (Great Neck) .....	N 5542	Hempstead General Hospital .....	N 5457
Grand Union Stores (Mineola)....	N 4426	Hempstead-Hempstead Gardens Water District .....	N 5260
Grand Union Stores (Rockville Centre) .....	N 4558	Hempstead High School .....	N 4126
Grand Union Stores (Manhasset) .....	N 4596	Hempstead Medical Arts Corp.....	N 4406
Grand Union Stores (Levittown) .....	N 4598	Hempstead Memorial Chapel, Inc. ....	N 4471
Grand Union Stores (Port Washington) .....	N 4695	Hendrickson, Freeman .....	N 4532
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Great Atlantic & Pacific Tea Co., The .....	N 2615	Hicksville Public Library .....	N 6069
Greater Seaford Shopping Center, Inc. ....	N 6043	Hicksville Water District .....	N 3488
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Hills Super Markets, Inc. (Seaford) .....	N 5158	Jamison Plastics .....	N 4300
Hills Super Markets, Inc. (Albertson) .....	N 5208	Jarco Metal Products Corp. ....	N 4382
Hills Super Markets, Inc. (Lakeview) .....	N 5900	Jasco Aluminum Products Corp.	N 4151
Hofstra College .....	N 3534	Jenkins .....	N 5620
Homelike Laundry .....	N 3875	Jericho Water District (Wheatley) .....	N 3444T
Horst, H. ....	N 2192	Jericho Water District (Wheatley) .....	N 3474
Hunter Douglas Corp. ....	N 2227	Jericho Water District (Locust Grove) .....	N 4133
Imperatti, Alfred .....	N 3879	Jericho Water District (Jericho) .....	N 4245
Inwood Country Club .....	N 5334	Jericho Water District (Jericho) .....	N 4246
Iselin, Oliver H. ....	N 3535	Jericho Water District (Glen Head) .....	N 5201
Island Trees Corp. ....	N 2582	Jerusalem Avenue Taxpayer, Inc. ....	N 4079
Israel Community Center .....	N 4225	Jessup, Dr. E. C. ....	N 3744
Iviersen, Sverre .....	N 2921	Joe Dee's .....	N 4193
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Jalonack, Irving .....	N 3386	K. B. K. Properties .....	N 5430
Jalonack, Irwin .....	N 3944	Kahn, E. A., Estate .....	N 4016
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Jamaica Water Supply Co. (Elmont) .....	N 2413	Kahr, C. E., Estate .....	N 2358
Jamaica Water Supply Co. (Franklin Square) .....	N 3720	Kassover, Julius .....	N 4104
Jamaica Water Supply Co. (Floral Park) .....	N 4077	Katz, Harry, Floor Coverings, Inc. ....	N 5197
Jamaica Water Supply Co. (Franklin Square) .....	N 4120T	Kaufman, Walter .....	N 3565
Jamaica Water Supply Co. (Floral Park) .....	N 4298	Keen Shopping Center .....	N 4138
Jamaica Water Supply Co. (New Hyde Park) .....	N 4390	Keiserwetter, R. ....	N 2180
Jamaica Water Supply Co. (North Valley Stream) .....	N 4512	Kellgren, K. J. & M. Hewett.....	N 4408

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King Kullen Grocery Co., Inc. (East Meadow) .....	N 4044	Levitt & Sons, Inc. (Hicksville)..	N 3582
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PUBLISHED BY  
THE NEW YORK STATE WATER POWER AND CONTROL COMMISSION

BULLETINS:

- \*GW- 1. Withdrawal of Ground Water on Long Island, N. Y. (1936)  
D. G. Thompson and R. M. Leggette
- GW- 2. Engineering Report on the Water Supplies of Long Island (1937)  
Russell Suter
- \*GW- 3. Record of Wells in Kings County, N. Y. (1937)  
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- \*GW- 4. Record of Wells in Suffolk County, N. Y. (1938)  
R. M. Leggette and others
- \*GW- 5. Record of Wells in Nassau County, N. Y. (1938)  
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- \*GW- 6. Record of Wells in Queens County, N. Y. (1938)  
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- \*GW- 7. Report on the Geology and Hydrology of Kings and Queens Counties, Long Island  
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- GW- 8. Record of Wells in Kings County, N. Y., Supplement 1 (1944)  
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- GW- 9. Record of Wells in Suffolk County, N. Y., Supplement 1 (1945)  
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- GW-10. Record of Wells in Nassau County, N. Y., Supplement 1 (1946)  
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- GW-11. Record of Wells in Queens County, N. Y., Supplement 1 (1947)  
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- \*GW-12. The Water Table in the Western and Central Parts of Long Island, N. Y. (1945)  
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- \*GW-13. The Configuration of the Rock Floor in Western Long Island, N. Y. (1948)  
Wallace De Laguna and M. L. Brashears, Jr.
- \*GW-14. Correlation of Ground-Water Levels and Precipitation on Long Island, N. Y. (1945)  
C. E. Jacob
- \*GW-15. Progress Report on Ground-Water Resources of the Southwestern Part of Broome  
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- \*GW-16. Progress Report on Ground-Water Conditions in the Cortland Quadrangle, N. Y. (1946)  
E. S. Asselstine
- \*GW-17. Geologic Correlation of Logs of Wells in Kings County, N. Y. (1948)  
Wallace De Laguna
- GW-18. Mapping of Geologic Formations and Aquifers of Long Island, N. Y. (1950)  
Russell Suter, Wallace De Laguna and N. M. Perlmutter
- GW-19. Geologic Atlas of Long Island (1950)
- GW-20. The Ground-Water Resources of Albany County, N. Y. (1949)  
Theodore Arnow

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- GW-21. The Ground-Water Resources of Rensselaer County, N. Y. (1950)  
R. V. Cushman
- GW-22. The Ground-Water Resources of Schoharie County, N. Y. (1950)  
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- GW-23. The Ground-Water Resources of Montgomery County, N. Y. (1950)  
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- GW-24. The Ground-Water Resources of Fulton County, N. Y. (1950)  
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- GW-25. The Ground-Water Resources of Columbia County, N. Y. (1951)  
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- GW-26. The Ground-Water Resources of Seneca County, N. Y. (1951)  
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- GW-27. The Water Table in Long Island, N. Y., in January, 1951 (1952)  
N. J. Luszczynski and A. H. Johnson
- GW-28. Withdrawal of Ground-Water on Long Island, N. Y. (1952)  
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- GW-29. The Ground-Water Resources of Wayne County, N. Y. (1951)  
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- GW-30. The Ground-Water Resources of Schenectady County, N. Y. (1952)  
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- GW-31. Records of Wells in Suffolk County, N. Y., Supplement 2 (1952)  
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- GW-32. Ground-Water in Bronx, New York and Richmond Counties with Summary Data on  
Kings and Queens Counties, New York City, N. Y. (1953)  
N. M. Perlmutter and Theodore Arnow
- GW-33. The Ground-Water Resources of Washington County, N. Y. (1953)  
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- GW-34. The Ground-Water Resources of Greene County, N. Y. (1954)  
Jean M. Berdan
- GW-35. The Ground-Water Resources of Westchester County, N. Y., Part 1, Records of Wells  
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- GW-36. Saline Waters in New York State (1956)  
N. J. Luszczynski, J. J. Geraghty, E. S. Asselstine, and I. G. Grossman
- GW-37. The Ground-Water Resources of Putnam County, N. Y. (1957)  
I. G. Grossman

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